Title
An activity board system for an activity management system

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Abstract

The invention provides an activity board system for the activity management system as disclosed in Australian patent application AU 2010903125 / 2011203492. The activity board system disclosed herein enables displaying of detailed information associated one or more activities on the activity management system, thus allowing users of the activity management system to make informed decisions on the management and objectives of a particular activity.

The activity board system comprises of at least one machine or data processing apparatus for displaying and processing data of the activity profile module, the activity relations module, the activity progress module, the activity rewards module, the activity attachment module, and the activity resources module.
A creator of an activity (e.g., project manager) adds an activity (e.g., Activity XYZ) to the activity management system.

The project manager adds contacts for the activity, Activity XYZ.

The project manager configures the activity board and saves the settings. Only the project manager may edit or delete the settings.

The contacts of Activity XYZ conduct work according to the settings created by the project manager. The contacts submit update forms (see Fig 5b D) according to the time/date set on the reminder schedule form (see Fig 5b A).

The project manager checks the updates been submitted by each contact through the update form list of Fig 5b E.
AUSTRALIA

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STANDARD APPLICATION

An activity board system for the activity management system

The following statement is a full description of this invention, including the best method of performing it known to me.
Field of invention

The invention discloses an activity board system for displaying and processing data associated with one or more activities of the online activity management system according to Australian patent application AU 2010903125 / 2011203492.

Background of the invention

Australian patent application AU 2010903125 / 2011203492 discloses an online activity management system which enables real-time collaboration and management of online activities, projects and tasks. However, the activity management system provided in the application did not have a mechanism or system for displaying and processing data associated with a particular activity on the activity management system. A system for displaying detailed information associated one or more activities on the activity management system is thus needed to enable users of the activity management system to make informed decisions on the management and objectives of a particular activity.

It is the objective of the invention to provide an activity board system for displaying and processing data associated with one or more activities on the activity management system. The activity board system comprises of at least one machine or data processing apparatus for displaying and processing data of the activity profile module, the activity relations module, the activity progress module, the activity rewards module, the activity attachment module, and the activity resources module.
Summary of the invention

The invention provides a system for implementing and providing an activity board on an activity management system comprising at least one machine or data processing apparatus for implementing said activity board on said activity management system, said activity board comprises of at least 1 of the following activity board categories:

a) activity profile for configuring and displaying data associated with a particular activity and components of the activity

b) activity relations for configuring and displaying hierarchical relationships between different activities and activity components

c) activity progress, resources and rewards for configuring and displaying the progress of a particular activity or activity component, the resources needed to complete the activity or activity component, and the rewards to be offered for completing the activity or activity component

d) activity attachments for configuring and displaying information of the attachments of a particular activity or activity component

Preferably, said activity management system refers to a software system being implemented on a machine or data processing apparatus.

Preferably, said activity board category refers to different categories of data that are associated with, or relates to a particular activity on said activity management system.

According to another aspect of the invention, a system is provided, the system comprising:

- a computer-readable medium including instructions; and data processing apparatus coupled to the computer readable-medium and able to execute the instruction to perform operations, said system comprising at least 1 of the following modules:

  a) an activity board module for displaying activity board on said activity management system
b) an activity profile module for retrieving and processing activity profile data associated with a particular activity from the database and displaying said activity profile data on the activity management system

c) an activity relations module for retrieving and processing activity relations data associated with a particular activity from the database and displaying said activity relations data on the activity management system

d) an activity progress module for retrieving and processing activity progress data associated with a particular activity from the database and displaying said activity progress data on the activity management system

e) an activity attachments module for retrieving and processing activity attachments data associated with a particular activity from the database and displaying said activity attachment data on the activity management system

f) an activity rewards module for retrieving, processing and awarding rewards associated with a particular activity, and displaying said rewards on the activity management system

g) an activity resources module for retrieving and processing activity resources data associated with a particular activity from the database and displaying said activity resources data on the activity management system

Preferably, said activity profile data refers to information associated with a particular activity and the breakdown of the activity into activity components.

Preferably, said module refers to machine readable or executable instructions

Preferably, the size or scope of an activity component of a particular activity may be expressed in whole numbers, percentages, decimals and, or fractions.

According to another aspect of the invention, a method implemented by data processing apparatus or machine is provided, the method comprising:

a) adding an activity on the activity management system

b) adding one or more contacts associated with the activity of step a)
c) configuring settings and data of the activity board system which comprises of activity profile, activity relations, activity progress, resources and rewards, and activity attachments.

d) sending an automated message to the contacts, where said message contains a link to the update form and, where the message is sent to the contacts according to the time and date set on the reminder schedule form

e) completing and submitting the update form by the contacts

f) checking update forms through the update form list

Preferably, said automated message is sent to and displayed on at least one of the following modules of the activity management system:

a) the schedule module, wherein said message is displayed as a note or attachment

b) the mail module, wherein said message is displayed as an email or email attachment

c) the desk module, wherein said message is displayed as a note or attachment

d) the camera module, wherein said message may be displayed as a visual signal

e) the shelf module, wherein said message is sent and stored as file in a particular folder

f) the chat module, wherein said message is displayed as a chat message

g) the notices module, wherein said message is displayed as a message post

Preferably, said module refers to the grouping of one or more machine readable and executable instructions to perform one or more tasks and process data required by a computer system, said module may have one or more corresponding graphical user interfaces (GUI) and database tables (database schema) for configuring, storing and processing data associated with the use of the module
Brief description of the drawings

Fig 1 is a graphical user interface of an activity management system according to Australian patent application AU 2010903125 / 2011203492.

Fig 2a is a diagram showing an activity board system as a collection of software modules being implemented on a machine, electronic device or computer hardware.

Fig 2b is a graphical user interface showing how an activity board system and its associated modules may be displayed on the activity management system.

Fig 2c is a diagram showing the workflow for configuring data and settings of the activity board system.

Fig 3 is a graphical user interface of the activity profile module for configuring data and settings of the activity profile of a particular activity or activity component on the activity management system.

Fig 4 is a graphical user interface of the activity relations module for configuring data and settings of the activity relation of a particular activity or activity component on the activity management system.

Fig 5a is a graphical user interface of the activity progress module, activity resources module and activity rewards module for configuring data and settings of the activity progress of a particular activity or activity component on the activity management system.

Fig 5b is a graphical user interface of the activity progress module, activity resources module and activity rewards module for configuring data and settings of the activity progress, reminder schedule and updates of a particular activity or activity component on the activity management system.

Fig 5c is a graphical user interface of the activity progress module, activity resources module and activity rewards module for configuring data and settings of the activity rewards and resources of a particular activity or activity component on the activity management system.

Fig 6 is a graphical user interface of the activity rewards module for configuring data and settings of activity attachments of a particular activity or activity component on the activity management system.
Detailed description of the invention

**Fig 1** is a graphical user interface of an activity management system according to Australian patent application AU 2010903125 / 2011203492

A is a control pane which lists most general controls for the project management system. These controls may include at least one of the following:

a) File controls where files of a project or task may be saved, created and retrieved

b) Task controls where aspects of a task may be created and modified

c) Format controls where texts and charts may be created and modified

B is an activity type called ‘project’. The activity type is presented as a collapsible panel to allow this section of the page to be collapsed or expanded.

B1 is an area where a collection of activity items or projects are listed under the ‘project’ type (see B).

C is an activity type called ‘group task’. The activity type is presented as a collapsible panel to allow this section of the page to be collapsed or expanded.

C1 is an area where a collection of activity items or group tasks are listed under the ‘group task’ type (see C).

D is an activity type called ‘personal task’. The activity type is presented as a collapsible panel to allow this section of the page to be collapsed or expanded.

D1 is an area where a collection of activity items or personal tasks are listed under the ‘personal task’ type (see D).

E is an activity pane which enables display of a collection of activity types and activity items.

F is a splitter bar which may be used to adjust or resize the area of the activity pane relative to the collaboration pane (see G).

G is a collaboration pane which provides an area where a collection of collaboration modules is organized and presented.

G1 is a tab on the graphical user interface which represents a path to the schedule module. In another embodiment of the present invention, a path to the schedule module may be represented by an image, a button or a line of text.
G2 is a tab on the graphical user interface which represents a path to the mail module. In another embodiment of the present invention, a path to the mail module may be represented by an image, a button or a line of text.

G3 is a tab on the graphical user interface which represents a path to the desk module. In another embodiment of the present invention, a path to the desk module may be represented by an image, a button or a line of text.

G4 is a tab on the graphical user interface which represents a path to the camera module. In another embodiment of the present invention, a path to the camera module may be represented by an image, a button or a line of text.

G5 is a tab on the graphical user interface which represents a path to the shelf module.

In another embodiment of the present invention, a path to the shelf module may be represented by an image, a button or a line of text.

G6 is a tab on the graphical user interface which represents a path to the chat module.

In another embodiment of the present invention, a path to the chat module may be represented by an image, a button or a line of text.

G7 is a tab on the graphical user interface which represents a path to the Notices module.

In another embodiment of the present invention, a path to the notices module may be represented by an image, a button or a line of text.

G8 is an area where controls for each module are displayed.

G9 is a module pane which provides an area where an instance of a module is presented to the viewer of the system. For example, an instance of a mail module is a mailbox which is used to send and receive electronic mails.

Fig 2a is a diagram showing an activity board system as a collection of software modules being implemented on a machine, electronic device or computer hardware.

A is the activity management system according to Fig 1

B is an activity board system or module for displaying activity board on said activity management system
B1 is an activity profile module for retrieving and processing activity profile data associated with a particular activity from the database and displaying said activity profile data on the activity management system.

B2 is an activity relations module for retrieving and processing activity relations data associated with a particular activity from the database and displaying said activity relations data on the activity management system.

B3 is an activity progress module for retrieving and processing activity progress data associated with a particular activity from the database and displaying said activity progress data on the activity management system.

B4 is an activity attachments module for retrieving and processing activity attachments data associated with a particular activity from the database and displaying said activity attachment data on the activity management system.

B5 is an activity rewards module for retrieving, processing and awarding rewards associated with a particular activity, and displaying said rewards on the activity management system.

B6 is an activity resources module for retrieving and processing activity resources data associated with a particular activity from the database and displaying said activity resources data on the activity management system.

X is a collection of hardware components and devices that the activity board system is being implemented on. The components and devices may include but are not limited to processors, database and application servers, electronic devices and digital machines.

Fig 2b is a graphical user interface showing how an activity board system and its associated modules may be displayed on the activity management system.

A is an activity management system according to Fig 1.

A1 is an activity on the activity management system called Activity XYZ.

A2 is a tab or label for accessing the functionalities and features of the activity board system.

A3 is a tab or label for accessing the functionalities and features of the contact module for adding contacts for a particular activity.
A4 is a button named ‘Chart view’ for accessing or displaying the pie chart which shows a breakdown of the activity (Activity XYZ) into smaller components.

A5 is a button named ‘Component view’ for accessing or displaying the components associated with the activity, Activity XYZ. An activity may be broken down into smaller components, for example an activity may be divided into 4 components where each component may represent about 25% of the whole activity.

B is a section or area on the graphical user interface for displaying the pie chart which shows a breakdown of the activity into smaller components.

Fig 2c is a diagram showing the workflow for configuring data and settings of the activity board system.

The steps for operating the activity board system of the activity management system are as follows:

A is the first step for operating the activity board system, where a user creates a new activity called Activity XYZ on the activity management system. The creator of the activity may be a project manager.

B is a step where the project manager adds contacts for the activity, Activity XYZ.

C is a step where the project manager configures the activity board system and saves the configured settings. Only the project manager is allowed to edit or delete the configured settings. The configuration of the activity board system may include the following steps:

C1 is a step for configuring the activity board system, where the project manager configures the activity profile of Activity XYZ according to Fig 3.

C2 is a step for configuring the activity board system, where the project manager configures relations (or activity relations) of Activity XYZ according to Fig 4.

C3 is a step for configuring the activity board system, where the project manager configures progress, resources and rewards for Activity XYZ according to Fig 5a, 5b and 5c.

D is a step where the contacts of activity ZYZ conduct work according to the configured settings created by the project manager in Steps C to C4. The contacts submit update forms (see Fig 5b D) according to the time and date set on the reminder schedule form (see Fig 5b A).
E is the step where the project manager check the updates been submitted by each contact. The update form to be checked are listed on the update form list of Fig 5b E.

Fig 3 is a graphical user interface of the activity profile module for configuring data and settings of the activity profile of a particular activity or activity component on the activity management system.

A is an activity management system according to Fig 1.

A1 is an activity on the activity management system called Activity XYZ.

A2 is a tab or label for accessing the functionalities and features of the activity board system.

A3 is a tab or label for accessing the functionalities and features of the contact module for adding contacts for a particular activity.

B is a section or area on the activity management system for displaying the activity components being created for a particular activity, Activity XYZ.

B1 is a button for adding a component for Activity XYZ.

B2 is a button for deleting a selected or checked component of Activity XYZ.

B3 is a button named ‘Chart view’ for accessing or switching to the chart for displaying the components (see Fig 2b).

B4 is section or area on the activity management system which displays a component of Activity XYZ.

B5 is section or area on the activity management system which displays a component of Activity XYZ.

B6 is a field of a particular activity component which enables the creator of the activity to add contacts for the component only. This means different components of an activity may be assigned to different contacts been created or added for the activity.

The table according to B4 and B5 for displaying the activity component may consist of the following data fields:

1. **Desc** – a field with a label for inputting or adding descriptions about the component being created or added for the activity. The label may simply direct to a webpage with a large textbox for inputting and saving text data.
2. **Relations** – a field with a label for accessing and configuring data for the activity relations module (see Fig 4). Click on the label below the field to access the page of Fig 4.

3. **Progress, resources & rewards** – is a field with a label for accessing and configuring data for the activity progress, resources and rewards module (see Fig 5a, 5b and 5c). Click on the label below the field to access the page of Fig 5a.

4. **Attachments** – is a field with a label for accessing and configuring data for the activity attachment module (see Fig 6). Click on the label below the field to access the page of Fig 6.

5. **Assigned to** – is a field with a label for adding contacts for a particular component of the activity. Different components of an activity may be assigned to different contacts been created or added for the activity.

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**Fig 4** is a graphical user interface of the activity relations module for configuring data and settings of the **activity relation** of a particular activity or activity component on the activity management system

**A** is an activity management system according to **Fig 1**

**A1** is an activity on the activity management system called **Activity XYZ**

**A2** is a tab or label for accessing the functionalities and features of the activity board system

**A3** is a tab or label for accessing the functionalities and features of the contact module for adding contacts for a particular activity

**A4** is a section or area of the activity management system for displaying and configuring the activity relations data of the activity relations module

**A5** is a button or label for adding comments or notes for a particular activity or activity component on the hierarchy.

**A6** is a graphical user interface for inputting notes or text data after the user clicks on one of the labels or buttons of **A5**
Fig 5a is a graphical user interface of the activity progress module, activity resources module and activity rewards module for configuring data and settings of the activity progress of a particular activity or activity component on the activity management system.

A is an activity management system according to Fig 1.

A1 is an activity on the activity management system called Activity XYZ.

A2 is a tab or label for accessing the functionalities and features of the activity board system.

A3 is a tab or label for accessing the functionalities and features of the contact module for adding contacts for a particular activity.

A4 is the title of the page for ‘Progress, resources & rewards’ of Activity XYZ.

A5 is section or area on the activity management system which displays a table for configuring data for ‘progress, resources and rewards’ of component 1 of Activity XYZ.

A6 is section or area on the activity management system which displays a table for configuring data for ‘progress, resources and rewards’ of component 2 of Activity XYZ.

The table according to A5 and A6 may consist of the following data fields:

1. Progress update – a field with labels for accessing and configuring data for progress update. Click on the label below the field to access the page of Fig 5a B.

2. Resources - a field with labels for accessing and configuring data for resources. Click on the label below the field to access the page of Fig 5c A.

3. Rewards - a field with labels for accessing and configuring data for rewards. Click on the label below the field to access the page of Fig 5c B.

4. Completed – a field which enables the admin or creator of the activity to indicate whether the progress update has been completed. This may require the admin to tick off a checkbox or type in ‘yes’ or ‘no’, to indicate whether or not the update has been completed.

B is a graphical user interface or webpage for displaying and configuring data for progress update of a particular component.
B1 is a table for configuring data for progress update. The table may consist of the following data fields:

1. **Update type** – a data field for indicating whether the update should be provided or submitted on completion of a percentage of the task (e.g., submit the update form when 30% and 70% of the task is completed) or on a scheduled time, for example to submit updates on every Monday, Thursday and Friday.

2. **Update unit** – a data field for indicating or measuring ‘when’ or how frequent the update should be provided or submitted. The unit may be measured in percentages or in date or time. The type of unit is determined by ‘type’ being selected in the ‘update type’ data field.

3. **Update reminder** – a data field for accessing or configuring data for the update reminder schedule. Click on the label to access the page of Fig 5b A.

4. **Update form list** – a data field for accessing or configuring data for the update form. Click on the label to access the update form of Fig 5b D. When the update form has been completed and submitted, the completed form appears on the ‘Update form list’ (see Fig 5b E).

Fig 5b is a graphical user interface of the activity progress module, activity resources module and activity rewards module for configuring data and settings of the **activity progress, reminder schedule and updates** of a particular activity or activity component on the activity management system. A is a webpage for creating a Reminder schedule. The page is retrieved or displaying after clicking on the label of the field ‘Update reminder’ (See Fig 5a, B1).

The schedule determines when and how often a message is to be sent to a group of contacts to notify the contacts about reporting or updating the progress of a particular activity or activity component.

A1 is a section of the ‘Reminder schedule’ page for inputting or configuring data on sending automated messages by interval. A message may be distributed automatically on every hour, day, month or year by selecting value on or inputting the values into this table.

A2 is a section of the ‘Reminder schedule’ page for inputting or configuring data on sending automated messages by weekdays. A message may be distributed
automatically on everyday or any day of a week by selecting value on or inputting the values into this table.

**A3** is a section of the ‘Reminder schedule’ page for inputting or configuring data on sending automated messages by calendar dates. A message may be distributed automatically on every selected calendar date by selecting value on or inputting the values into this table.

**B** is a graphical user interface or webpage for creating a message to be sent to remind a contact to complete and submit the update form. See **Fig 5b C** for an exemplary message. The webpage also enables the admin or creator of the activity to select one or more modules for delivering the message. For example the message may be sent as an email via the mail module of the activity management system. Similarly, the message may be displayed as a message post on the notices module.

**C** is an exemplary page which shows the email message for reminding or notifying a contact to complete and submit the update form. The message contains a link which directs the contact to update form (see **Fig 5b D**)

**D** is an update form which is required to be completed and submitted. The form enables one or more files to be attached or added for the update.

**D1** is a button for submitting the update form of **Fig 5b D**

**E** is an update form list. The list displays a list of update forms been submitted.

**E1** is a button for accessing or retrieving a new update form.

**E2 & E3** are both update forms that have been submitted. The forms show the number of files being attached to the form and the text description or input associated with the update.

**Fig 5c** is a graphical user interface of the activity progress module, activity resources module and activity rewards module for configuring data and settings of the **activity rewards and resources** of a particular activity or activity component on the activity management system

**A** is a graphical user interface or webpage for indicating the resources required for completing a particular activity or activity component.
The table according to A for configuring resources data may consist of the following data fields:

1. **Name** – a field for indicating the name of the resource.

2. **Material** – a field for indicating the type of resource.

3. **Time** – a field for indicating the amount of time required for using the resource

4. **Cost** – a field for indicating the cost of the resource

5. **Url** – a field for adding url for indicating or identifying the location of the resource to be collected

B is a graphical user interface or webpage for indicating the rewards to be offered for completing a particular activity or activity component.

The table according to B for configuring rewards data may consist of the following types of rewards:

- **Money rewards**, where the table for money rewards may consist of the following data fields:
  
  1. **Amount** – a field for indicating the amount of money to be offered as rewards
  
  2. **Currency** – a field for indicating the type of currency to be used for the rewards.
  
  3. **Pay method** – a field for indicating the method of payment. For example the money rewards may be paid via paypal or bank transfer.
  
  4. **Url** - a field for adding url for indicating or identifying the location of the money rewards to be collected.

- **Prize rewards**, where the table for prize rewards may consist of the following data fields:
  
  1. **Name** – a field for indicating the name of the prize
  
  2. **Type** – a field for indicating the type of prize reward to be offered. For example the prize may be a medal or a trophy.
3. **Award method** – a field for indicating how the prize is to be awarded. For example, the prize may be collected online or from a specified location.

4. **Url** - a field for adding url for indicating or identifying the location of the prize rewards to be collected.

C is a graphical user interface or webpage for enabling one or more urls to be added for a particular resource or rewards. The url or links may take the user to an external website where the resources and rewards are to be collected.

**Fig 6** is a graphical user interface of the activity rewards module for configuring data and settings of **activity attachments** of a particular activity or activity component on the activity management system

A is an activity management system according to **Fig 1**

A1 is an activity on the activity management system called Activity XYZ

A2 is a tab or label for accessing the functionalities and features of the activity board system

A3 is a tab or label for accessing the functionalities and features of the contact module for adding contacts for a particular activity

A4 is a section or area on the graphical user interface for enabling one or more attachments to be added for **component 1**

A5 is a section or area on the graphical user interface for enabling one or more attachments to be added for **component 2**

Attachments may be added for a specific component from the same webpage or each component may have its own separate webpage for adding attachments associated with the component.
Glossary of terms

Activity management system

The activity management system refers to the system disclosed in patent applications 2010903125 / 2011203492 which enables the user to manage their activities such as projects, tasks, and events through an integrated set of modules consisting of a schedule module, a mail module, a desk module, a camera module, a shelf module, a chat module, and a notices module.

Activity board system

The activity board system refers to a software module which is integrated into the activity management system to enable displaying and processing of data of one or more activities of the activity management system. The activity board system comprises of the following modules:

- An activity profile module
- An activity relations module
- An activity progress module
- An activity resources module
- An activity rewards module
- An activity attachment module

Each module enables configuring and displaying the settings and data of at least one of the following activity board categories:

- Activity profile (the activity profile module)
- Activity relation (the activity relation module)
- Activity progress, resources, and rewards (the activity progress, resources, and rewards module)
• Activity attachment (the activity attachment module)

Activity board category

An activity board category is a category of data associated with a specific module of the activity board system. The graphical user interface of an activity category enables display and configuration of data and settings of at least one of the following activity board categories:

• Activity profile
• Activity relation
• Activity progress, resources and rewards
• Activity attachment

Activity component

An activity on the activity management system may be divided into components where each component represents a portion or percentage of the whole activity. For example, an activity entitled ‘web application’ may be divided into the following activity components:

• Html and css component which represents 30% of the ‘web application’ activity
• Database schema component which represents 20% of the ‘web application’ activity
• Model-view-controller programming component which represents 50% of the ‘web application’ component

Module

A Module refers to the grouping of one or more machine readable/executable instructions to perform one or more tasks and process data required by a system or computer program. A large module may contain many small modules. A module may
work independently or with other modules to complete a task. The primary goal when designing modules is to make them general, so they can be reused in different applications. For example, an e-commerce module such as Opencart™ typically contains functionalities that would enable buyers and sellers to interact. Such a module may be used independently or integrated with other large modules to process and calculate data for more complex tasks.

Each module may have one or more corresponding graphical user interfaces (GUI) and database tables (database schema) for configuring, storing and processing data associated with the use of the module.

**Graphical user interface**

The term GUI disclosed herein refers to at least one webpage which enables displaying, configuring and inputting of data for one or more modules, database tables and, or databases that the GUI is associated with.

Although the invention has been described with respect to specific embodiments thereof, these embodiments are merely illustrative, and not restrictive of the invention.

One of the diagramming techniques used herein may be referred to as Unified Modeling Language (UML), a visual language for capturing software designs and patterns. A UML model is often used to capture the "big picture"; the high-level ideas and logical relationship between the different parts and/or behaviors of a software system. One skilled in the relevant art does not need to know the intricate details of low level implementation (the code) in order to build a system with identical characteristics to that of the current invention.

Any suitable programming language can be used to implement the routines of embodiments of the present invention including C, C++, Java, C#, php, python, assembly language, etc. Different programming techniques can be employed such as procedural or object oriented. The routines can execute on a single processing device or multiple processors. Although the steps, operations, or computations may be presented in a specific order, this order may be changed in different embodiments. In some embodiments, multiple steps shown as sequential in this specification can
be performed at the same time. The sequence operations described herein can be interrupted, suspended, or otherwise controlled by another process, such as an operating system, kernel, etc. The routines can operate in an operating system environment or as stand-alone routines occupying all, or a substantial part, of the system processing. Functions can be performed in hardware, software, or a combination of both.

Embodiments of the present invention can be implemented in the form of control logic in software or hardware or a combination of both. The control logic may be stored in an information storage medium, such as a computer-readable medium, as a plurality of instructions adapted to direct an information processing device to perform a set of steps disclosed in embodiments of the present invention. Based on the disclosure and teachings provided herein, a person of ordinary skill in the art will appreciate other ways and/or methods to implement the present invention.

Embodiments of the invention may be implemented by using a programmed general purpose digital computer, by using application specific integrated circuits, programmable logical devices, field programmable gate arrays, optical, chemical, biological, quantum or nanoengineered systems, components and mechanisms may be used. In general, the functions of embodiment of the present invention can be achieved by any means as is know in the art. Distributed network systems, components and circuits can be used. Communication, or transfer, of data may be wired, wireless, or by any other means.

Thus, while the present invention has been described herein with reference to particular embodiments therefore, a latitude of modification, various changes and substitutions are intended in the foregoing disclosures, and it will be appreciated that in some instances some features of embodiments of the invention will be employed without a corresponding use of other features without departing from the scope and spirit of the invention as set forth. Therefore, many modifications may be made to adapt a particular situation or material to the essential scope and spirit of the present invention. It is intended that the invention not be limited to the particular terms used in following claims and/or to the particular embodiment disclosed as the best mode contemplated for carrying out this invention, but that the invention will include any and all embodiments and equivalents falling within the scope of the appended claims.
Claims

1. A system for implementing and providing an activity board on an activity management system comprising at least one machine or data processing apparatus for implementing said activity board on said activity management system, said activity board comprises at least 1 of the following activity board categories:

   a) activity profile for configuring and displaying data associated with a particular activity and components of the activity

   b) activity relations for configuring and displaying hierarchical relationships between different activities and activity components

   c) activity progress, resources and rewards for configuring and displaying the progress of a particular activity or activity component, the resources needed to complete the activity or activity component, and the rewards to be offered for completing the activity or activity component

   d) activity attachments for configuring and displaying information of the attachments of a particular activity or activity component

2. The system according to claim 1, wherein said activity management system refers to a software system being implemented on a machine or data processing apparatus.

3. The system according to claim 1, wherein said activity board category refers to different categories of data that are associated with, or relates to a particular activity on said activity management system.

4. A system comprising:

   a computer-readable medium including instructions; and data processing apparatus coupled to the computer readable-medium and able to execute the instruction to perform operations, said system comprising at least 1 of the following modules:

   a) an activity board module for displaying activity board on said activity management system
b) an activity profile module for retrieving and processing activity profile data associated with a particular activity from the database and displaying said activity profile data on the activity management system

c) an activity relations module for retrieving and processing activity relations data associated with a particular activity from the database and displaying said activity relations data on the activity management system

d) an activity progress module for retrieving and processing activity progress data associated with a particular activity from the database and displaying said activity progress data on the activity management system

e) an activity attachments module for retrieving and processing activity attachments data associated with a particular activity from the database and displaying said activity attachment data on the activity management system

f) an activity rewards module for retrieving, processing and awarding rewards associated with a particular activity, and displaying said rewards on the activity management system

g) an activity resources module for retrieving and processing activity resources data associated with a particular activity from the database and displaying said activity resources data on the activity management system

5. The system according to claim 4, wherein, said activity profile data refers to information associated with a particular activity and the breakdown of the activity into activity components.

6. The system according to claim 4 wherein said module refers to machine readable or executable instructions

7. The system according to claim 4, wherein the size or scope of an activity component of a particular activity may be expressed in whole numbers, percentages, decimals and, or fractions.

8. A method implemented by data processing apparatus or machine, the method comprising:

a) adding an activity on the activity management system

b) adding one or more contacts associated with the activity of step a)
c) configuring settings and data of the activity board system which comprises of activity profile, activity relations, activity progress, resources and rewards, and activity attachments.

d) sending an automated message to the contacts, where said message contains a link to the update form and, where the message is sent to the contacts according to the time and date set on the reminder schedule form

e) completing and submitting the update form by the contacts

f) checking update forms through the update form list

9. The method according to claim 8, wherein said automated message is sent to and displayed on at least one of the following modules of the activity management system:

a) the schedule module, wherein said message is displayed as a note or attachment

b) the mail module, wherein said message is displayed as an email or email attachment

c) the desk module, wherein said message is displayed as a note or attachment

d) the camera module, wherein said message may be displayed as a visual signal

e) the shelf module, wherein said message is sent and stored as file in a particular folder

f) the chat module, wherein said message is displayed as a chat message

g) the notices module, wherein said message is displayed as a message post

10. The method and system according to any one of the preceding claims, wherein said module refers to the grouping of one or more machine readable and executable instructions to perform one or more tasks and process data required by a computer system, said module may have one or more
corresponding graphical user interfaces (GUI) and database tables (database schema) for configuring, storing and processing data associated with the use of the module.
A creator of an activity (eg project manager) adds an activity (eg. Activity XYZ) to the activity management system.

The project manager adds contacts for the activity, Activity XYZ.

The project manager configures the activity board and saves the settings. Only the project manager may edit or delete the settings.

The contacts of Activity XYZ conduct work according to the settings created by the project manager. The contacts submit update forms (see Fig 5b D) according to the time/date set on the reminder schedule form (see Fig 5b A).

The project manager checks the updates been submitted by each contact through the update form list of Fig 5b E.

The project manager configures the activity profile of Activity XYZ according to Fig 3.

The project manager configures relations for Activity XYZ according to Fig 4.

The project manager configures progress, resources & rewards for Activity XYZ according to Fig 5a, 5b and 5c.

The project manager configures attachments for Activity XYZ according to Fig 6.
Activity XYZ

Created by: John Smith

Created date: 3:00 pm, 24 July 2012

Component 1 - 30 July 2012

Component 2 - 30 July 2012

select one or more contacts from the contact list to assign the activity component to.
Fig 5c

Component 1 - resources

- **Name**: Book, Material: Training guide, Time: 30 hours, Cost: $15
- **Name**: Assistant, Payvan, Time: 20 hours, Cost: $1000

Component 1 - rewards

**Money**

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**Prize**

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Urls

- **Url 1**
- **Url 2**
- **Url 3**