TEMPLATE BASED CALENDAR EVENTS WITH GRAPHIC ENRICHMENT

CROSS-REFERENCE TO RELATED APPLICATION

This application claims benefit under 35 U.S.C.§ 119(e) of U.S. Patent Application No. 62/415,420 filed on Oct. 31, 2016. The U.S. patent application is herein incorporated by reference in its entirety.

BACKGROUND

[0001] There are many software tools to assist people with their busy days and tasks. Calendar applications are one of those tools allowing people to schedule events such as meetings, tasks, appointments, etc. Modern calendar applications are typically much more than a scheduling tool and provide a wide variety of functionality and features. The essence of calendar applications is still based on same concepts. For example, a user indicates they want to create an event, the user provides all details of the event, and the event is created and displayed on a calendar with textual presentation such as title and timing of the event. Thus, with increased usage of calendar applications, the user experience may leave room for improvements to assist users in efficiency.

SUMMARY

[0002] This summary is provided to introduce a selection of concepts in a simplified form that are further described below in the Detailed Description. This summary is not intended to exclusively identify key features or essential features of the claimed subject matter, nor is it intended as an aid in determining the scope of the claimed subject matter.

[0003] Embodiments are directed to providing template based calendar events with graphic enrichment. In some examples, a request to create a calendar event may be received and visual aids may be presented for selection, where each of the visual aids represents an event template. Upon receiving a visual aid selection, information associated with the user requesting the event may be retrieved based on the selected visual aid to infer one or more aspects of the requested event. A suggested event with the inferred aspects may be presented to the user and, upon receiving user confirmation and/or modification to the suggested event, the event as suggested or modified may be added to the user's calendar with a visual background presentation.

[0004] These and other features and advantages will be apparent from a reading of the following detailed description and a review of the associated drawings. It is to be understood that both the foregoing general description and the following detailed description are explanatory and do not restrict aspects as claimed.

BRIEF DESCRIPTION OF THE DRAWINGS

[0005] FIGs. 1A through IB include example network environments where a system to provide template based calendar events with graphic enrichment may be implemented;

What is claimed is :

1. A method to provide template based calendar events with graphic enrichment, the method comprising:

receiving , via a user interface, a request to create an event on a calendar;

enabling display of one or more visual aids for selection, wherein each of the one or more visual aids is a non-text graphical element representing an event template for selection ;

receiving a selection of a visual aid from the one or more visual aids;

retrieving information associated with a user requesting the event based on the visual aid selection to infer one or more aspects of the event;

enabling display of a suggested event, said suggested event suggested by a calendar application, with the one or more inferred aspects;

receiving one of a confirmation and a modification to the suggested event; and

enabling display of one of the suggested event on the calendar if the confirmation is received and a modified event on the calendar if the modification is received.

2. The method of claim 1, further comprising:

enabling display of the suggested event or the modified event with one of a graphic and an image as background on the calendar, wherein the one of the graphic and the image is associated with the suggested event or modified event.

3. The method of claim 1, wherein the one or more visual aids represent one or more event templates for selection and include icons or emojis.

4. The method of claim 3, further comprising :

selecting the icons or the emojis such that corresponding event templates are promptly identifiable.

5. The method of claim 1, wherein enabling display of the suggested event with the one or more inferred aspects comprises:

pre-filling, with the one or more inferred aspects, at least one selected from the group consisting of a title field, a timing field, a location field, free/busy state field, an attendee field, a reminder time field, a description field, and a private/public state field.

6. The method of claim 1, further comprising:

inferring the one or more aspects of the event from one or more of a usage history of the user, a usage history of one or more other users, a local event template source, and an external event template source.

7. The method of claim 6, wherein the external event template source includes a third party service that provides one or more event templates as a promotion.

8. The method of claim 6, wherein the local event template source includes an organizational data store of organizational activities and meetings.

9. The method of claim 1, wherein the event is one of a meeting, an appointment, and a scheduled task.

10. A computing device to provide template based calendar events with graphic enrichment, the computing device comprising:

a communication interface configured to facilitate communication between the computing device and one or more servers associated with a productivity service;

a memory configured to store instructions; and

one or more processors coupled to the memory, wherein the one or more processors, in conjunction with the instructions stored in the memory, are configured to execute components of a calendar service, the components of the calendar service comprising:

a calendar application configured to facilitate scheduling of events and meetings in conjunction with the productivity service; and

a visual event template module configured to:

receive a request to create an event on a calendar;

enable display of one or more visual aids for selection wherein each of the one or more visual aids is a non-text graphical element representing an event templates for selection;

receive a selection of a visual aid from the one or more visual aids;

retrieve information associated with a user requesting the event based on the visual aid selection to infer one or more aspects of the event;

enable display of a suggested event, said suggested event suggested by the calendar application, with the one or more inferred aspects;

receive one of a confirmation and a modification to the suggested event; and

enable display of one of the suggested event on the calendar if the confirmation is received and a modified event on the calendar if the modification is received, wherein the suggested event or the modified event is presented with one of a graphic and an image that is associated with the suggested event or the modified event as background on the calendar.

11. The computing device of claim 10, wherein the visual event template module is further configured to:

receive a plurality of event templates, each event template represented by a visual aid, as a default template set; and

enable the user to one of modify the event templates in the default template set and add new event templates to the default template set.

12. The computing device of claim 10, wherein the visual event template module is further configured to :

analyze the user's behaviour in scheduling events; and create a new event template based on the analysis.

13. The computing device of claim 12, wherein the visual event template module is configured to create the new event template based on :

determination of repetitive events and one or more aspects of the repetitive events.

14. The computing device of claim 10, wherein the visual event template is further configured to :

enable the user to select or modify the one of the graphic and the image used as the background.

15. The computing device of claim 10, wherein the visual event template module is further configured to :

employ at least one selected from the group consisting of a shading scheme, a highlighting scheme, a color scheme, and a textual scheme to enable display of additional information associated with the event.

16. A system to provide template based calendar events with graphic enrichment, the system comprising:

a first server configured to execute a productivity service;

a second server configured to execute a calendar service; and

a third server configured to execute a visual event template service, wherein the visual event template service is configured to:

receive, via a user interface, a request to create an event on a calendar from the calendar service;

provide one or more visual aids to be displayed by the calendar service for

selection, wherein each of the one or more visual aids is a non-text graphical element that represents an event template;

receive a selection of a visual aid from the one or more visual aids;

retrieve information associated with a user requesting the event based on the visual aid selection to infer one or more aspects of the event;

provide a suggested event, said suggested event suggested by a calendar application, with the one or more inferred aspects to be displayed by the calendar service;

receive one of a confirmation and a modification to the suggested event; and

provide one of the suggested event on the calendar if the confirmation is received and a modified event on the calendar if the modification is received to be displayed by the calendar service, wherein the suggested event or the modified event is provided with one of a graphic and an image that is associated with the suggested event or the modified event as background on the calendar.

17. The system of claim 16, wherein the visual event template service is further configured to learn from the user's behaviour and create new event templates based on the learning.

18. The system of claim 16, wherein the event template is integrated with a location service.

19. The system of claim 16, wherein the event template is stored in one of a separate data store and in a calendar data store associated with the calendar service.

20. The system of claim 10, wherein the one or more visual aids that represent one or more event templates are based on Unicode characters such that different platforms and devices interpret and render the one or more visual aids consistently.