List of Objects

Project Title: DailyLife

Team Name: JATH

Team Members' Names:

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I. Entity Objects

    A. User - The user of the program. Interacts with the boundary objects. Attributes: name

    B. Calendar - The Calendar is basically a container for all of a particular user's data, such as checklists and journals. Attributes: dateName, numChecklists, numJournals

    C. Checklist - Allows a user to track tasks on a particular calendar date and mark those with statuses. Attributes: date, description, numEntries, currentStatus, isLocked

    D. Checklist Entry - The tasks that make up a particular checklist or higher level Checklist Entry. These may be marked individually with statuses to track progress. Attributes: name, description, currentStatus

    E. Journal - Allows a user to write notes to apply to a particular calendar date. Attributes: name, date, text, isLocked

    F. Tag - Allows users to search for checklists with the tag they are searching for. Attributes: name

    G. PIN - Used for the lock function as a security measure when users wish for certain information to be hidden. Attributes: pinNum

    H. Status - Describes the state of a Checklist or Checklist Entry, and determines what color to highlight it. Attributes: name, color

II. Boundary Objects

    A. Calendar Boundary - This window allows the user to view and interact with the calendar. The user will be able to click on a date and see the checklists and journals associated with that date.

    B. Settings Boundary - This window allows the user to change the application settings.

    C. Journal Boundary - This window allows the user to view and edit their journal. The Journal is updated upon success.

D. Checklist Boundary - This window allows the user to view and edit their checklist.

E. Tag Boundary - This window allows the user to create and search for tags.

F. PIN Boundary - This window allows the user to create and edit their pin. The PIN is updated accordingly.

III. Controller Objects

A. CalendarControl - Controls the calendar functions.

B. ChecklistControl - Controls the checklist functions. This controller allows the user to add, delete or edit the checklist.

C. JournalControl - Controls the journal functions. This controller allows the users to edit or delete the journal.

D. LockControl - Controls the lock function. Users can lock and unlock the information.

E. TagControl - Controls the tag functions. Users can add or remove a tag to the checklist.

F. Status Controller - Controls the status of the checklist. The user can mark the status as "complete" or "incomplete".

G. PIN Controller - Controls the data stored in the PIN. This number will allow the user to view locked information.