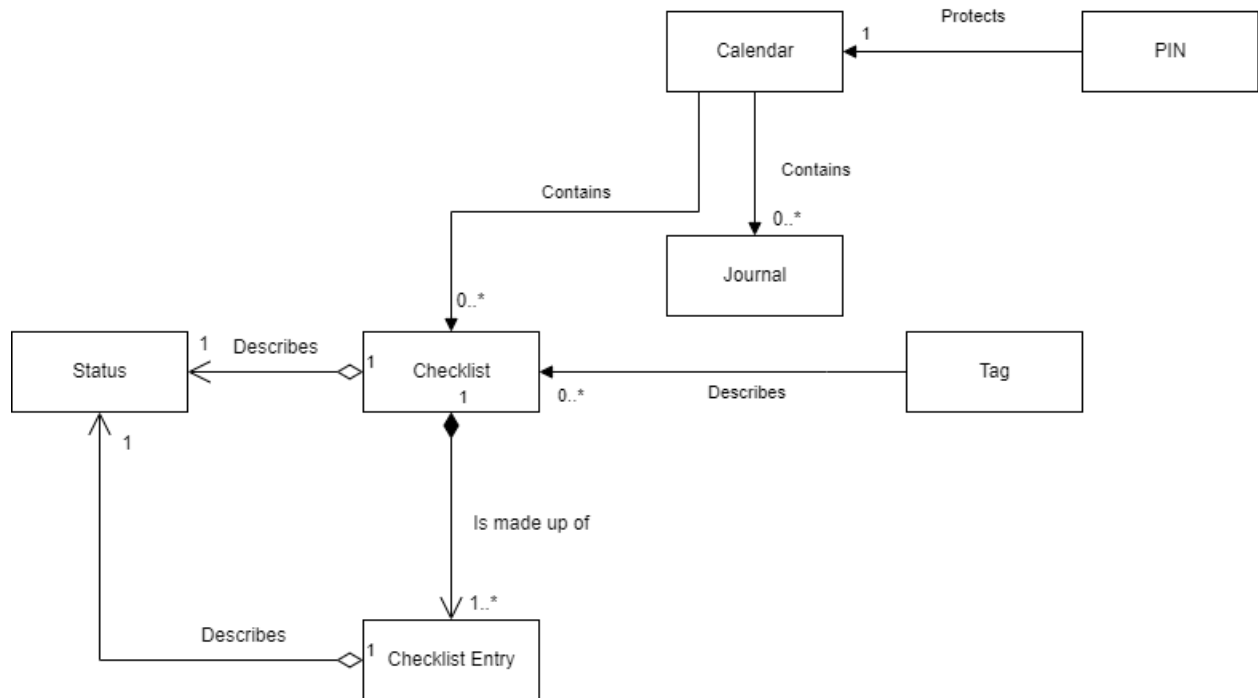**Class Diagrams**

for

DailyLife

Version 1.0 approved

Prepared by JATH

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UML Diagram

Calendar

Protects

1

PIN

Contains

Contains

0..*

Journal

0..*

Status

1

Describes

1

Checklist

1

0..*

Describes

Tag

1

Is made up of

1

Describes

1..*

Describes

1

Checklist Entry

List of attributes

1. User
   a. String name - name of the user
2. Calendar
   a. Double numChecklists - number of checklists
   b. numJournals - number of journals
3. Checklist
   a. Date date - date of the checklist
   b. double numEntries - number of checklist entries in a checklist
   c. Status currentStatus - current status of the checklist(ex. incomplete)
4. Checklist Entry
   a. String name - name of the checklist entry
   b. String description - more details of the checklist entry
   c. Status currentStatus - current status of the checklist entry
   d. boolean isLocked - True: the entry is hidden / False: the entry is shown
5. Journal
   a. String name - name of the journal
   b. Date date - date when journal is written
   c. String text - content of journal
   d. Boolean isLocked - True: the journal is hidden / False: the journal is shown
6. Tag
   a. String name - name of the tag. User can assign tag to the checklist
7. Pin
   a. Double pinNum - four digit pin number that will be assigned by user
8. Status
   a. String name - name of the status
   b. String color - color of the entry