

## Use Case Specification

### Use Case : Record activity times

Description: This function should record time spent doing leisure activities and other engagements that are not class related. It should be able to add new activities and delete activities. Finally it shows an average time spend on these activities.

Actor: Student.

Precondition: None.

#### Primary Flow

1. System displays calendar information.
2. System prompts user to update.
3. Student selects update.
4. System checks for time slots.
5. System accepts information and update record.
6. System displays Calendar and time averages.
7. Use case finish, update successful.

#### Alternative Flow

- 2.1 User chooses selects no or other unrecognised input.
  1. System displays incorrect input detected.
  2. Use case finished, selection failed.
- 4.1 No available slots to add new activity. Or slots all empty to delete activity.
  1. Displays unable to carry out task.
  2. Prompts user to first add or delete an activity.
  3. Use case finished, time check failed.

Postcondition: Use case successfully finishes, the student would have successfully views, entered or deleted leisure activities from the Calendar.

Postcondition: Use case unsuccessfully finishes, the user would have to restart and select proper options.

User story.

The user of the this calendar is Jane. Jane is an university student who feels a little overwhelmed by the amount of activities she has to keep track of. Other than class activities she also engages in extracurricular activities and uses this calendar to help manage her time. The benefit that this calendar gives her is the ability to track where her time can be better managed and to help her not forget scheduled activities.