Sked-it

Use Case Specification

Submitted to:

Asst. Prof. Ma. Rowena C. Solamo
Faculty Member
Department of Computer Science
College of Engineering
University of the Philippines, Diliman

Submitted by:

Dela Sierra, Joshua Joseph Riki V
Garcia, Patric Charles M.
Granda, Justin Tristan Gabriel R..

In partial fulfillment of academic requirements
for the course
CS 191 Software Engineering I
of the
1st Semester, AY 2019-2020

Unique Reference:

The documents are stored in the [Project Repository Link] referenced with [Filename].

Document Purpose:

[What is the purpose of the document?]

Target Audience:

1. Student Leaders of the University of the Philippines - Diliman.

2. Students of the University of the Philippines - Diliman who are currently not in a leadership position.

Revision Control:

Revision Date	*Person Responsible*	*Version Number*	*Modification*
09/20/19	Patric Charles M. Garcia	1.0	Initial Document; Added the needed use case names and descriptions from the Use Case Model Document;
09/21/19	Justin Tristan Gabriel R. Granda	2.0	Link Schedule Use Case Flow of Events and Activity Diagrams

***Use-Case Name*:** 1.1 Create Schedule

Description: Individual users are able to create and upload their schedule/s. They simply input the times per day of the week that they are free/busy. The user can create a general schedule and have different schedules for different groups.

Preconditions: NONE

Flow of Events:

Scenario Name	*Description*
Scenario 1 (Basic Flow) Applicant is assigned to the training squad.	1. Selection committee gets application form. 2. Club staff prepares try-out area. 3. Selection committee evaluates applicant's performance in mock try-outs. 4. If applicant needs training, he is assigned to the training squad. 5. Club staff keeps the application forms in the appropriate files.
Scenario 2 Applicant is assigned to the competing squad.	1. Selection committee gets application form. 2. Club staff prepares try-out area. 3. Selection committee evaluates applicant's performance in mock try-outs. 4. If applicant plays excellent, he is assigned to the competing squad. 5. Club staff keeps the application forms in the appropriate files.

Activity Diagram of the Flow of Events:

Place here the swimlane diagram. Make sure that the diagram is grouped as one and text does not wrap around the diagram.

Other Diagram: [If there are any, write them here. Otherwise, type in NONE.]

Postcondition: [If there are any, write them here. Otherwise, type in NONE.]

Relationships: [If there are any, write them here. Otherwise, type in NONE.]

Special Requirements:

[If there are any, write them here. Otherwise, type in NONE.]

***Use-Case Name*:** 2.2 Confirmation of Common Schedule

Description: The group can confirm their common schedule for a certain activity/event. This requires the Link Schedule functionality of the system. An automatic notification (notify group) will be queued shortly.

Preconditions: [If there are any, write the preconditions. Otherwise, simply type NONE.]

Flow of Events:

Scenario Name	*Description*
Scenario 1 (Basic Flow) Applicant is assigned to the training squad.	1. Selection committee gets application form. 2. Club staff prepares try-out area. 3. Selection committee evaluates applicant's performance in mock try-outs. 4. If applicant needs training, he is assigned to the training squad. 5. Club staff keeps the application forms in the appropriate files.
Scenario 2 Applicant is assigned to the competing squad.	1. Selection committee gets application form. 2. Club staff prepares try-out area. 3. Selection committee evaluates applicant's performance in mock try-outs. 4. If applicant plays excellent, he is assigned to the competing squad. 5. Club staff keeps the application forms in the appropriate files.

Activity Diagram of the Flow of Events:

Place here the swimlane diagram. Make sure that the diagram is grouped as one and text does not wrap around the diagram.

Other Diagram: [If there are any, write them here. Otherwise, type in NONE.]

Postcondition: [If there are any, write them here. Otherwise, type in NONE.]

Relationships: [If there are any, write them here. Otherwise, type in NONE.]

Special Requirements:

[If there are any, write them here. Otherwise, type in NONE.]

***Use-Case Name*:** 3.0 Link Schedule

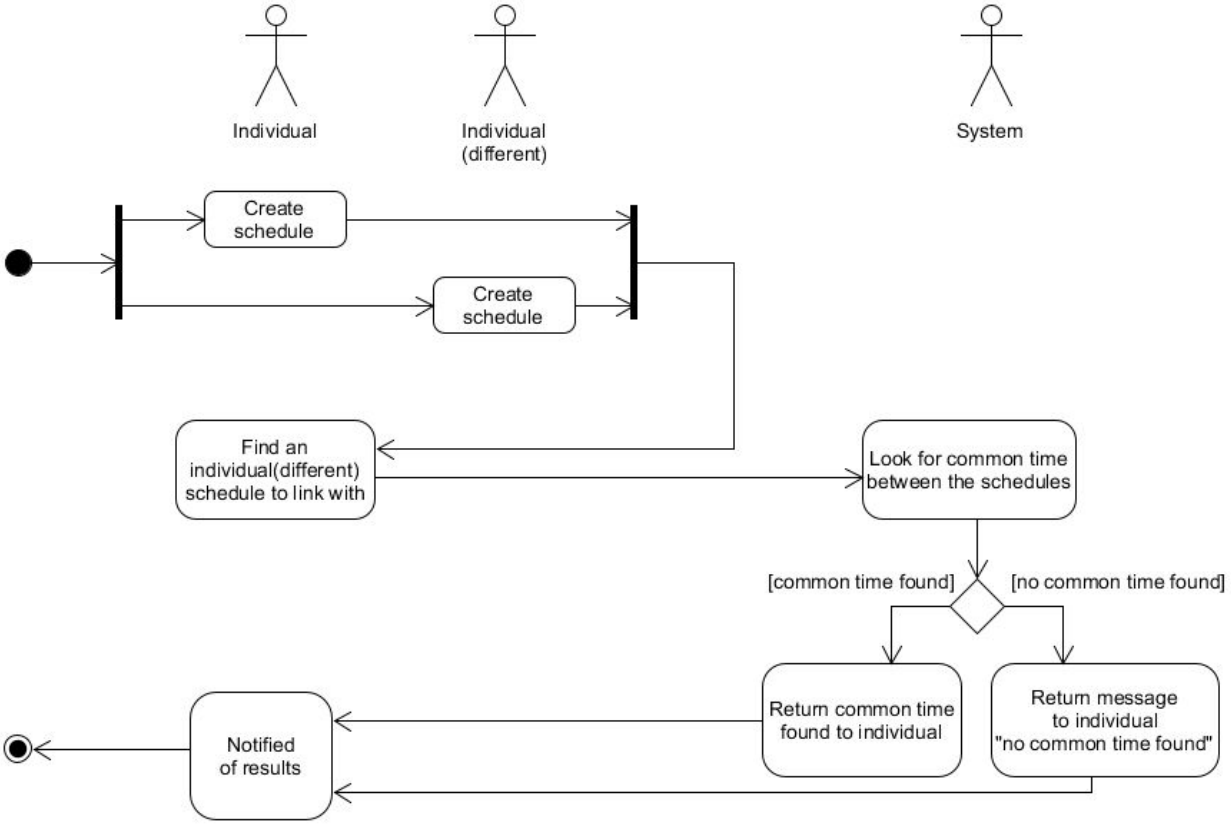
Description: This is the system's main functionality. Given some schedules, it returns the common free time found between them. This can be done between individual users or within a group.

Preconditions: Users need to have created schedules in order to use this.

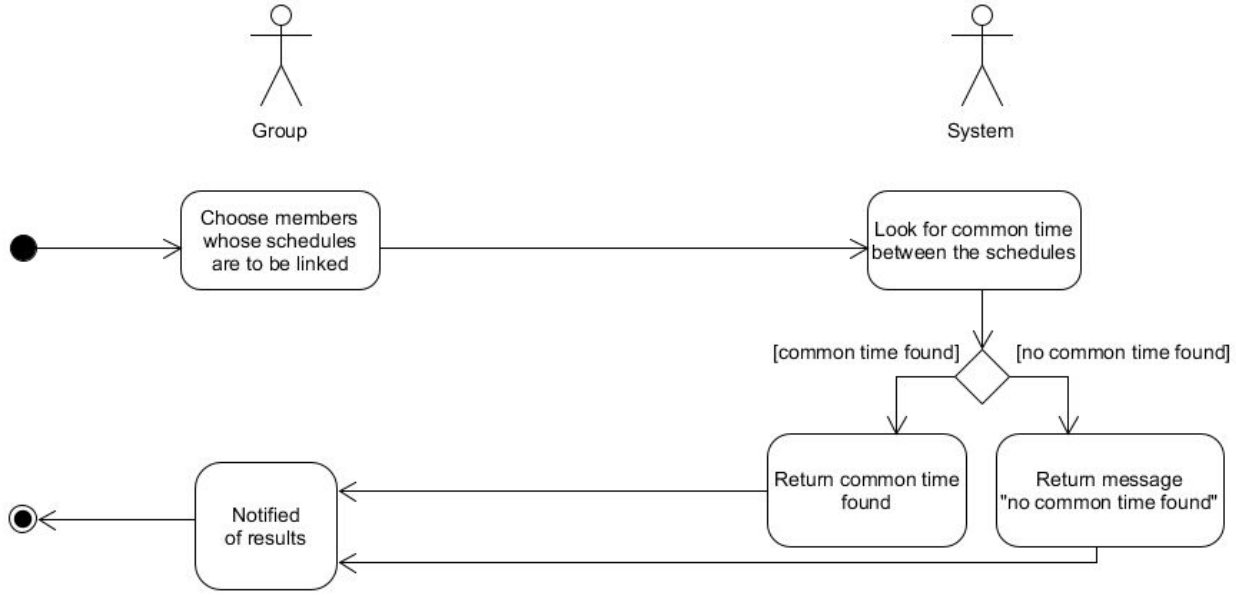
Flow of Events:

Scenario Name	*Description*
Scenario 1 (Basic Flow) Individual user wants to link his schedule with someone else's.	1. Individual user must have already created a schedule. 2. Individual user finds a schedule already created by a different user to link with. 3. System receives the schedules and looks for the common time. 4. If common time is found, relay this to the user. Otherwise, relay error message. 5. Individual user is notified of the results.
Scenario 2 Users in a group want to link their schedules in order to plan for a certain event/activity.	1. Group chooses members whose schedules are to be linked 2. System receives the schedules and looks for the common time. 3. If common time is found, relay this to the user. Otherwise, relay error message. 4. Group is notified of the results.

Activity Diagram of the Flow of Events:



Other Diagram:



Postcondition: NONE.

Relationships: NONE.

Special Requirements:

NONE.