sked-it

Use Case Model

Submitted to:

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 AY 2019-2020

Unique Reference:

The documents are stored in the https://github.com/jvdelasierra/sked-it/tree/master/02-Requirements%20Engineering referenced with Group3-Sked-it-UseCaseModel.pdf.

Document Purpose:

The purpose of the document is to describe and visualize the relationship between the system and its end users. It will show what actions each type of end user is allowed to do, as well as the general flow followed by the system.

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.
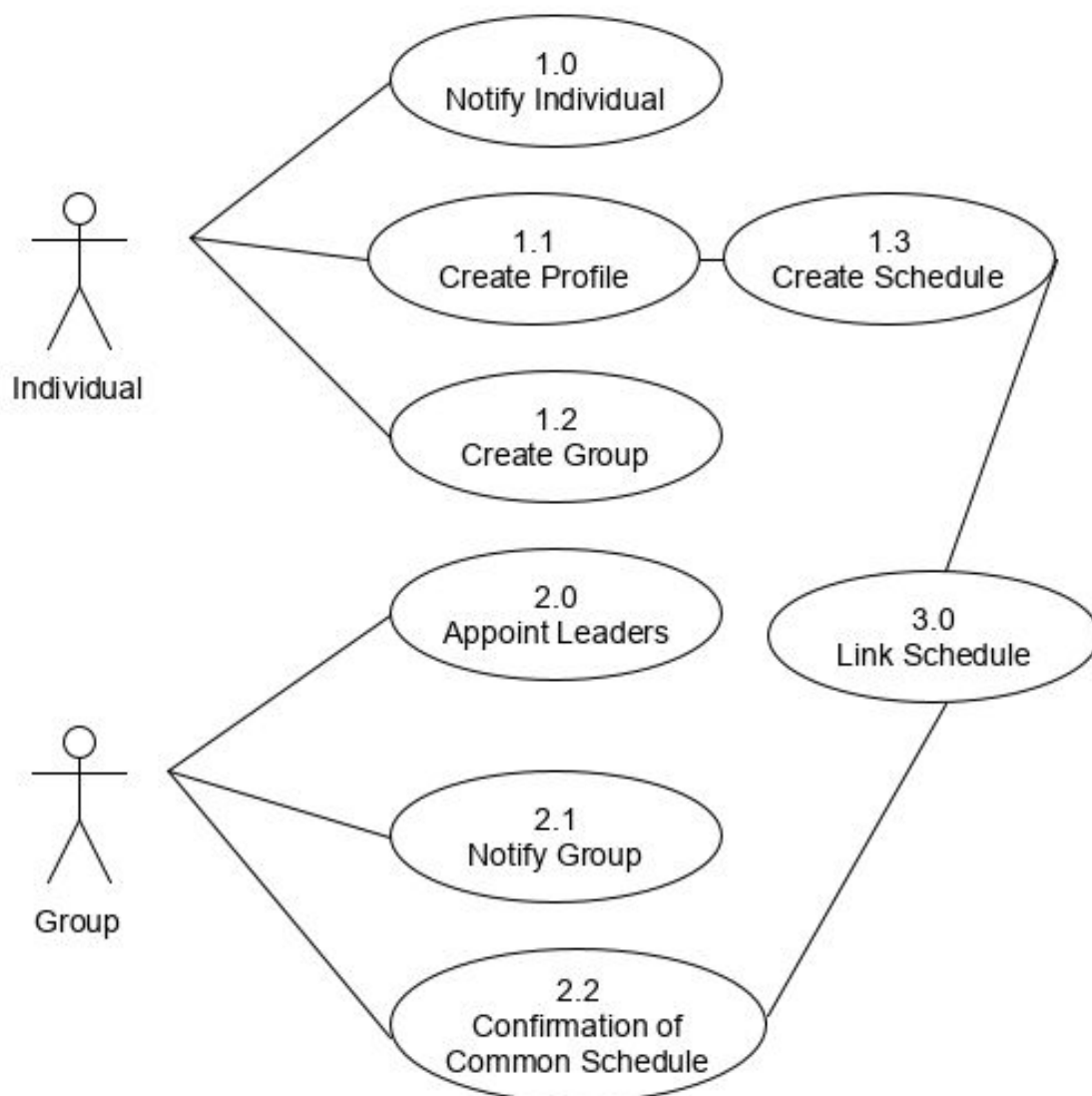
Revision Control:

Revision Date	Person Responsible	Version Number	Contribution and Modification
09/10/19	Joshua Joseph Riki V. Dela Sierra	0.1	Finalize the conceptualization of the Use-Case Diagram
09/16/19	Patric Charles M. Garcia	1.0	Initial Document Setup; System Description; List of Actors Table.
09/16/19	Justin Tristan Gabriel R. Granda	1.1	Use-Case Diagram Modelling
09/16/19	Justin Tristan Gabriel R. Granda	2.0	List of Use Cases
09/16/19	Joshua Joseph Riki V. Dela Sierra	3.0	Proofreading and finalization of document
09/22/19	Joshua Joseph Riki V. Dela Sierra	4.0	Added Create Profile Use Case

System Name: Sked-it

Description: Sked-it is an app that we are proposing to make to help people manage their own personal schedules while being able to set-up meetings with other people. The app aims to provide users with a way to make a "routine" schedule which they could update if they have other things to do. One of the main features that we will implement is a Group Scheduling system where people in the same group will be allowed to view a portion of another person's schedule (controlled by the owner of the schedule) within the same group so that the people involved in the group can easily set-up their meetings based on their common free time. A person will then be notified of their schedule with a reminder sent to their phones.

Use-Case Diagram:

List of Actors:

Actors	Description
Individual	The Individual are the users who make their own personal schedule that they can manage. They can create different views of their schedule for different sets of people they interact with. They are the ones that are getting notified when there is something on their schedules.
Group	The Group is a set of users who have a common activity that they wish to manage. This actor is responsible for notifying the individuals involved in the group of an activity that is common along the members. The Group is where people can be provided a restricted view of another person's schedule that they may have set for that particular group to see.

List of Use-cases:

Use-Case	Description
Use-Case 1.0 Notify Individual	Individual users can receive notifications pertaining to their schedule. This notification may come from a group that they are a part of. The user can also be notified if they have been added to a new group.
Use-Case 1.1 Create Profile	Individual users are able to create and upload their profile. They simply input their emails and their password for their profile. The user will then receive a confirmation through their email and must confirm it.
Use-Case 1.2 Create Group	Individual users can create their own groups within the app.The group creator can add members(individual users) to this group. All added members are notified when the group is created.
Use-Case 1.3 Create Schedule	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.
Use-Case 2.0 Appoint Leaders	The members can assign leaders for their group. The leaders are in charge of managing the schedules/activities of their group.There can be one or many leaders per group.
Use-Case 2.1 Notify Group	Members can notify each other within the group. Each notification will be concerning the time of the meeting. It can also be about the venue of the meeting.
Use-Case 2.2 Confirmation of Common Schedule	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.
Use-Case 3.0 Link Schedule	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.