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# Sked-it

## Use Case Model

Submitted to:

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### ***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:***

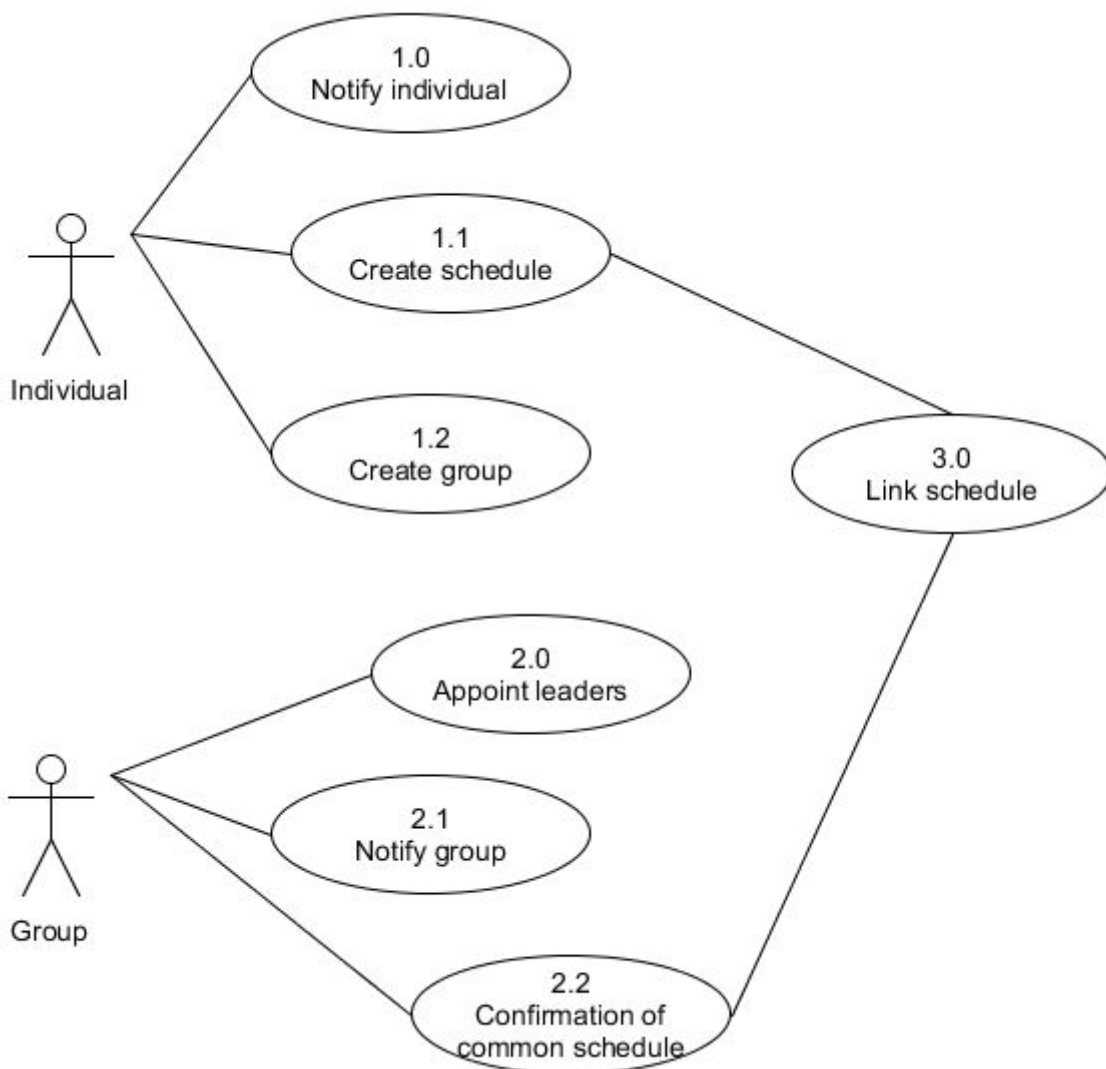
<b><i>Revision Date</i></b>	<b><i>Person Responsible</i></b>	<b><i>Version Number</i></b>	<b><i>Contribution and Modification</i></b>
09/16/19	Patric Charles M. Garcia	1.0	Initial Document Setup; System Description; List of Actors Table.
09/16/19	Justin Tristan Gabriel R. Granda	1.1	Use-Case Diagram Modelling
09/16/19	Justin Tristan Gabriel R. Granda	2.0	List of Use Cases

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**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:**



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***List of Actors:***

<b><i>Actors</i></b>	<b><i>Description</i></b>
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:***

<b><i>Use-Case</i></b>	<b><i>Description</i></b>
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 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 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 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.
Use-Case 2.2 Confirmation of Common Schedule	The group can confirm their common schedule for a certain activity/event. This uses the Link Schedule functionality of the system.
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.