

Topic: Student /Student Group Itinerary

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Problem Background:

- We’ve all, at many times during a semester, struggled to find the time to study or get together with a study group
- Whether this be for multiple tests in a week or a group project, everyone is trying to balance out other classes, a work schedule (if said student also has a job), or other activities which pose an obstacle.
- This in turn, leads to poor administration of the student’s time to his/their responsibilities. In the event of a group project, this leads to conflicts of schedule or availability of group members.

Target:

- Improve the previously mentioned poor administration of time/conflict of schedule
- The aim is to eliminate the gap that is present in our standard condition (which is our theoretical expectations of how we will manage time on our itinerary.
- This will improve productivity and/or help a group successfully meet their expectations for a project

Causes:

- A student might find it hard to work around a full schedule ahead of them, especially if they have other obligations such as a job or activity.
- This poses an even bigger problem if it is with a group that might want to meet up to study or work on a project.
- Now not only does the student have to take into account his itinerary or agenda, but also the ones his peers.

Countermeasures:

- Develop an app that can take into account a student’s individual or group agenda for the week.
- The app would receive an input consisting of an individual user’s schedule or, in the case of a group, a collection of schedules.
- The app would then set up a new itinerary for the week based on or taking into account the student’s or group’s allotted time (such as finding the common gaps in the schedule for students).
- Think of how the university’s enrollment system checks on the gaps in your enrollment schedule to make sure that two or more classes don’t conflict (the app would function similar to this).

Check/Evaluate:

- Did the countermeasures work? This case being of did the app help students balance out their itinerary.
- Evaluate the user’s productivity or use of time before and after the application

Act/Standardize:

- Collect feedback from users upon use of the app to check if it satisfied them.
- What did we learn upon collecting the data? Does the app have long-term presence or does it need refinements?