

Scenarios:

1)

Emmanuel has a group project for his computer science class. He needs a quick easy way for each member to create a time table of available times for meeting up for the project.

He begins by asking each member for the times they are available and on what days for the week ahead. After gathering all the time tables including his own he inputs the information onto the schedule planner.

Using the simple interface he fills in the unavailable times and inputs some conditions for how long the meeting will take and how many members need to be present. Then he messages all members the proposed schedule suggestions to decide on a firm time.

2)

Emmanuel has an important project to finish for his group however, he doesn't have the time to get the available times from his group members because he has to go to the next class. He creates a schedule account and invites the members with their emails to add their times when they can so he can create a schedule for their meeting. By the time he gets done with classes for the day every member has added their times they can meet up.

He adds his own and decides on a few conditions such as how many members have to be there and how long the project will take. The schedule planner optimizes the time tables given, but there's a problem, one member Casey can only meet on Friday afternoons.

He quickly messages her and the other group members through email to resolve this issue by agreeing to a virtual meetup for Casey to participate instead. Casey logs back into the scheduler and adjusts the time available since she can virtually meetup at different times rather than physically meet. The scheduler runs the time tables again and suggests a meeting on Thursday evening for all members to join in.

3)

Michaela wants to create a meeting for her D&D club next week, however she doesn't have the time to call everyone and get the times they are available. She also wants an easier way to display the meeting times so she doesn't have to email everyone individually since when they respond everyone in the email header gets flooded with emails. She decides to try out this new schedule planner site that her friend Melissa is using for her etsy jewelry business. She adds all the members' emails to the site and her own available times. The members receive the email and add their own schedules for Michaela to use. She adds a few conditions such as length of meeting and minimum number of members and shares the optimized schedule with everyone. The other member can then access the schedule and don't have to email her to ask what day its on.

User Stories:

As a computer science student, I need a quick way to schedule meetings before my next class that everyone can agree to.

-Emmanuel

As a D&D dungeon master I need an easy way to get my members schedules and display them for everyone so I don't have constant emails to respond to.

-Michaela

Feature List:

- Owner can invite other users to add their time tables to the scheduler
- All users can access and edit schedule
- Owner can email schedule and changes to all members
- Schedule can optimize based on Owner's inputted conditions
 - Minimum member requirement
 - Location, physical or virtual
 - Length of meeting
- Schedules can be planned by weekly or monthly time tables
- RSVP list for owner to use for planning the event
 - Members can rsvp via email or on the site itself