<u>CS411 Team Assignment 2 - User Stories: Full User Story</u> *(revised)*
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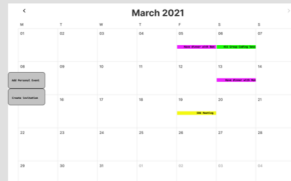
User Story: Schedule meeting between 2 users
- Actor: student 1 (Ben) and student 2 (Tom)
- Use Case Overview: Ben, a student in XX University, is working on a paper for a class and he wants to let his best friend, Tom, do a peer review on his work. They want to schedule a meeting to talk about the revision and they are both busy so it's not easy to find the best time. So Ben takes initiative and goes to our web application and logs in with his Google account. The application automatically fills in the main page of the application with his existing calendar events, synced from his Google Calendar. Ben can create personal events directly from the Main Page using the button Add Personal Event. He can also send an invitation to Tom to share his calendar, and then Ben can create a group event for the both of them based on how their calendars look together.
- Subject Area: on the Internet
- Trigger: The two users want to have a meeting at a time that works for both of them.
- Precondition 1: They each have Internet access.
- Precondition 2: They each use Google Calendar to accurately depict their schedules.
- Basic Flow: Schedule the meeting
    - Ben logs into the web application with his Google account.
        - His Google Calendar is then synced to the application,
    - He then clicks the button that says " Create Invitation" and he fills out the information such as the approximate dates within which they want to meet. Then, an event URL is generated for Ben to send out to Tom.
    - Now, given this URL, Tom can access it and be prompted to log into his Google account for our web application.
    - Tom can then click a button on his main page to share his calendar back with Ben.
    - Back on Ben's page, he should be able to see both his and Tom's calendar on his main page. Visually, Ben can look to see when they would both be free and at his discretion, choose an optimal time and date for meeting. He would then click the Create Group Event button and select the Event Dates, also seeing the weather for the dates he chooses to see if an outdoor meeting would be viable for the two of them. Once all the information is filled out, he can submit and Tom will receive his own Google Calendar invite for the event.
    - Termination Outcome: The best meeting time was found for Ben and Tom (Google Calendar invite created for both of them)
- Alternative Flow 1A: Can't link to Google Account
    - One of them or both of them doesn't have Google Account and never uses Google Calendar

- They can then register to create a Google account and then populate their Google Calendar(s) to accurately reflect their schedule(s)
- Continue onto Basic Flow
- Termination Outcome: They create Google Accounts and find the best meeting time.
- Alternative Flow 2A: No available time slots
  - After logging in and syncing their calendars onto Ben's main page, they found that there are no time slots that they are available for both of them.
  - They are sure they can't make any changes to their schedules.
  - Termination Outcomes: No meeting can take place.
- Alternative Flow 3A: Bad weather conditions for outdoor activities
  - They are tired of meeting on Zoom so they decided to meet in an outdoor coffee shop for the meeting.
  - When creating an event either personal or group, there will be weather data shown for both the Start and End dates.
  - Weather data is only available 17 days from the current date and will be in the form: "56.01°F and moderate rain" (i.e. temperature + phrase about conditions)
    - If the dates selected are more than 17 days away, then "No weather data available" will be displayed.
  - If the weather is not ideal on the chosen date, they find an alternative day for their meeting.
  - Terminate Outcomes: They won't schedule an outdoor activity under bad weather conditions.
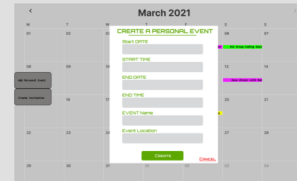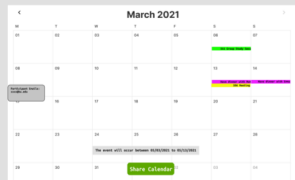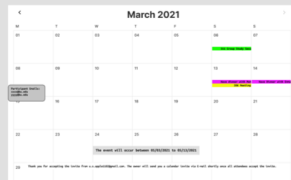
Sample Design:
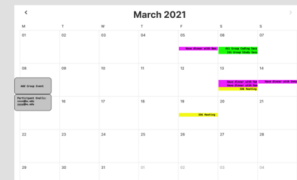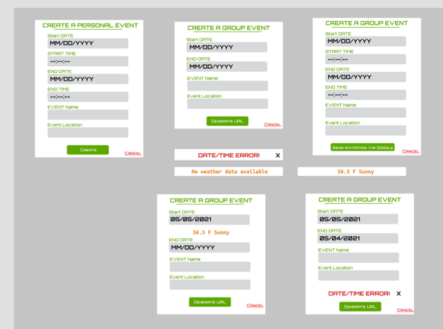

Login Page

Main Page

Show form modal

Participants view

Participants view after confirmation

Event owner view

Form components

UI kits reference:
https://www.figma.com/community/file/805892365682264040
https://www.figma.com/community/file/966055733981785028