<u>**Sprint 2 Plan**</u>
Product: NoteQuest
Team: Project NOTE
Start Date: 7/6
Finish Date: 7/13
Revision: 1.3
Revision Date: 7/10

<u>**Goal:**</u>
We want to work on front end design and start implementing it in react.js. We also want to finish the last minor details on the backend side so it can return classes/notes from the firebase database and as well as check for authentication.

<u>**Spikes:**</u>
1. Have rest of the team learn React.JS so we all can work on the front end together
2. Finish up backend so that notes can be put into different classes, and also have a check for authentication
3. Discuss as a team on a design

<u>**Task Listing:**</u>
1. **As a student, I want to be able to access other students notes**
   ○ The frontend should make the request to get all notes' links to the server (~2 hours) - Clarence
   ○ Make routes for sending all notes' links to the frontend (~3 hours) - Mehul
   ○ The server should send a query to the database to get all the links (~3 hours) - Mehul & Alec
   ○ **Total for user story: 8 hours**

2. **As a student, I want to upload my notes to a specific class and professor**
   ○ The front end should list request backend to request all the existing folders (~2 hours) - Akshay
   ○ The backend should send all existing folders by making a query to the database (~3 hours) - Alec
   ○ The frontend should specify what folder to upload notes to (~2 hours) - Akshay
   ○ The upload routes in the server should accommodate to upload to the selected folder (~4 hours) - Mehul
   ○ Return titles of the class codes to frontend (~2 hours)
   ○ **Total for user story: 13 hours**

3. **As a student, I want to be able to create a folder for my class**
   ○ Add a button for creating a new folder and take information for the folder (~2 hours) - Clarence

- ○ Send a request to the server to add the new folder (~3 hours) - Nikhil
- ○ Integrate folder creation with create folder route (~4 hours) - Nikhil
- ○ Finish folder creation function using google drive API (~ 2 hours) - Nikhil
- ○ **Total for user story: 11 hours**

4. **As a student, I want to only share my notes with other students from UCSC**
   - ○ Setup firebase authentication with a check on the backend (~4 hours) - Farhaan
   - ○ Require authentication before displaying any data or allowing upload (~3 hours) - Farhaan
   - ○ Store poster name when a new file is uploaded (~ 2 hours) - Farhaan
   - ○ **Total for user story hours: 9 hours**

Scale : 1, 3, 5, 7, 10

Team Roles:
- ● Nikhil - Project Manager, Backend Developer (Google drive and Server)
- ● Farhan - Full Stack Developer (Firebase, Authentication, Frontend)
- ● Alec - Database Backend Developer (Firebase)
- ● Akshay - Frontend Developer
- ● Mehul - Scrum Master, Backend Developer (Server)
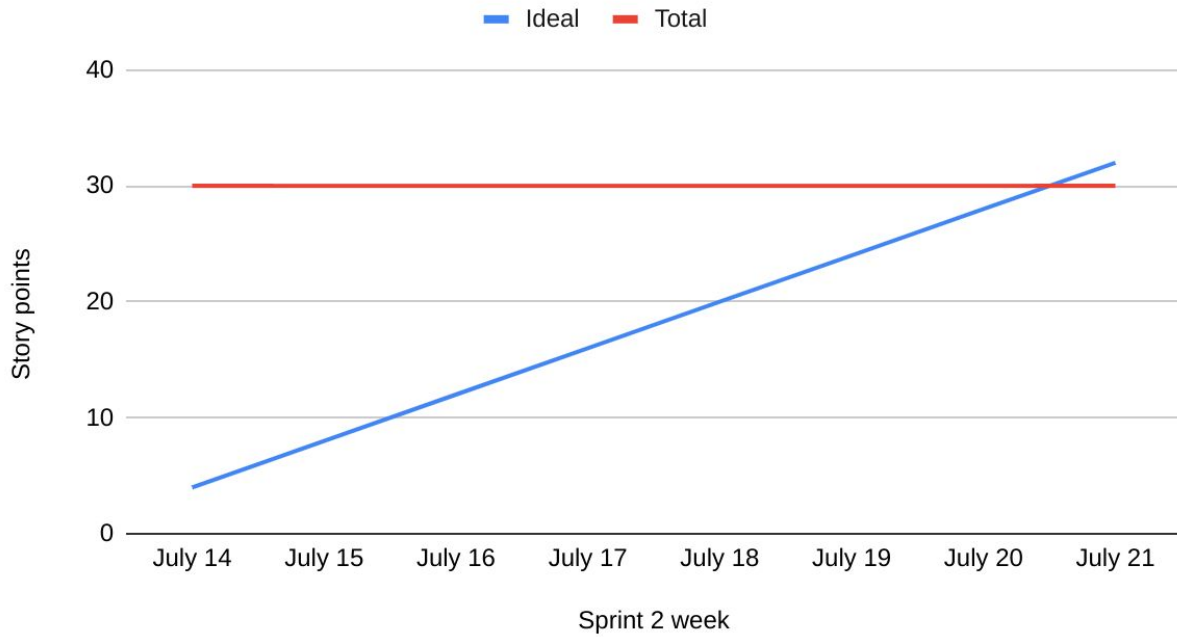- ● Clarence - Frontend Developer

Initial Task Assignment:
- **Nikhil:**
  - **Story 3**
    - Send a request to the server to add the new folder
    - Integrate folder creation with create folder route
    - Finish folder creation function using google drive API
- **Mehul:**
  - **Story 1**
    - Make routes for sending all notes' links to the frontend
    - The server should send a query to the database to get all the links
  - **Story 2**
    - The backend should send all existing folders by making a query to the database
    - The upload routes in the server should accommodate to upload to the selected folder

- **Akshay:**
  - **Story 2**

- The front end should list request backend to request all the existing folders
- The frontend should specify what folder to upload notes to

- **Clarence:**
  - **Story 1**
    - The frontend should make the request to get all notes' links to the server
    - Make routes for sending all notes' links to the frontend
  - **Story 3**
    - Designing and implementing the UI for creating folders

- **Alec:**
  - **Story 1**
    - The server should send a query to the database to get all the links
  - **Story 2**
    - The backend should send all existing folders by making a query to the database

- **Farhan:**
  - **Story 4**
    - Setup firebase authentication with a check on the backend
    - Require authentication before displaying any data or allowing upload
    - Store poster name when a new file is uploaded

Initial Burnup Chart:

Ideal, Total and Completed

Initial scrum board:
- On Monday board

Scrum times:
- Tuesday at 3:00pm (TA timeslot)
- Friday at 3:00pm (TA timeslot)
- Sunday at 11:30am

Last modified: 7/10/20