**Sprint 1 Plan**
**Product:** NoteQuest
**Team:** Project NOTE
**Start Date:** 6/29
**Finish Date:** 7/6
**Revision:** 1.4
**Revision Date:** 7/7


## Goal:
Have a basic web application where a user can upload a file to our system. On the system side, we want to be able to store the file into google drive as well as store the metadata information of the file in our database

## Spikes:
1. **Learning React**
   - Create a page that allows for file uploads/capable of doing a post request on our backend (~12 Hours : **10**)
2. **Learning Firebase**
   - Being able to query in firebase (~3 Hours : **7**)

## Task Listing:
3. **As a student, I want to be able to upload notes**
   - Create our REST server using the express library (~2 hours)
   - Upload basic file to drive using POST request (~6 Hours)
   - **Total for user story: 8 hours**

4. **As a student, I want to be able to query information about the notes that are uploaded in the app**
   - Develop Firebase Database Schema (~2 Hours)
   - Create basic interface for database (~3 hours)
   - Return URL Links Based on Date Uploaded (~1 Hour)
   - **Total for user story: 6 hours**

5. **As a student, I want to be able to access a website to store notes and access them**
   - Create the UI for uploading notes (~2 Hours)
   - Create basic post request and upload a file (~3 Hours)
   - Create basic UI layout of note distribution (~3 Hours)
   - **Total for user story: 8 hours**

6. **As a student, I want to be able to upload the metadata of the files I uploaded to my database**
   - Integrate Firebase with upload functionality (~4 Hours)

- ○ **Total for user story: 4 hours**
7. **As a student, I want to be able access other students notes (blocked)**
     - ○ **Blocked -** need to work closely with the database team to create a common schema on how we want to handle exchanging data with one another due to limitations with firebase
     - ○ Have URLs of all the notes from the drive on the web app (~6 Hours)
     - ○ **Total for user story: 6 hours**

**Scale : 1, 3, 5, 7, 10**

**Team Roles:**
- ● Nikhil - Project Manager, Developer
- ● Farhan - Scrum Master, Developer
- ● Alec - Developer
- ● Akshay - Developer
- ● Mehul - Developer
- ● Clarence - Developer
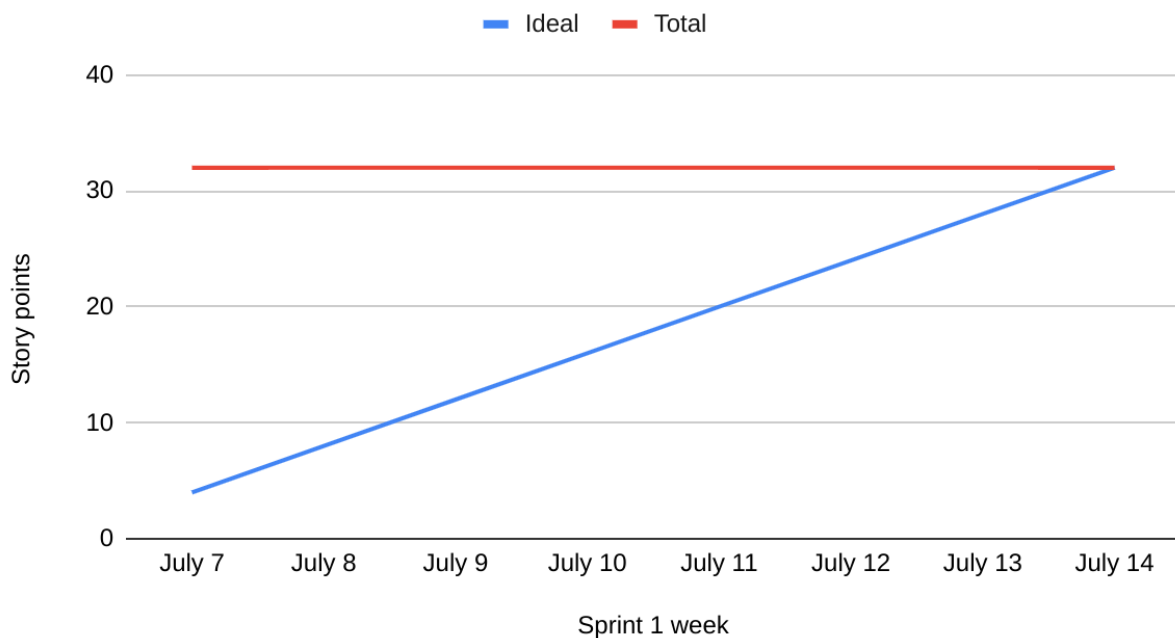
**Initial Task Assignment:**
- **Nikhil:**
    - **Story 1**
        - Create our REST server using the express library
        - Upload basic file to drive using POST request
- **Mehul:**
    - **Story 1**
        - Create our REST server using the express library
        - Upload basic file to drive using POST request
    - **Story 2**
        - Return URL Links Based on Date Uploaded
- **Akshay:**
    - **Story 3**
        - Create the UI for uploading notes
        - Create basic post request and upload a file
        - Create basic UI layout of note distribution
- **Clarence:**
    - **Story 3**
        - Create the UI for uploading notes
        - Create basic post request and upload a file
        - Create basic UI layout of note distribution
- **Alec:**
    - **Story 2**

- Develop Firebase Database Schema
- Create basic interface for database
- Return URL Links Based on Date Uploaded
- **Story 4**
    - Integrate Firebase with upload functionality
- **Farhan:**
    - **Story 2**
        - Develop Firebase Database Schema
        - Create basic interface for database
        - Return URL Links Based on Date Uploaded

## Initial Burnup Chart:

### Ideal and Total



## Initial scrum board:
- On Monday Board

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