Sprint 3 Plan
Product: NoteQuest
Team: Project NOTE
Start Date: 7/14
Finish Date: 7/18
Revision: 1.3
Revision Date: 7/21

Goal:

We want to establish a testing suite and improve the front end so that the U.I. is intuitive and modern. Plans on adding finishing touches to the application and implementing our stretch goals like having an upvote/rating system. Also, work on the presentations and demonstrations.

Spikes:

1. Look into CSS styling and templates.
2. Explore Postman testing suites

Task Listing:

1. **As a Developer, I want to ensure that my product is working properly**
   - Set up routes to truncate the database and create a test environment. (~ hours 4)
   - Use Enzyme to test if certain functions work on the frontend (~ hours 2) **(Design Change)**
   - Test authentication with edge cases (~ hours 2)
   - Test Create Notes with edge cases (~ hours 2)
   - Create a Postman testing suite (~ hours 2)
   - Create front end testing environments (~ hours 4)
   - Do final testing for the backend (~ hours 3)
   - Do final testing for the frontend (~ hours 3)
     i. Use Enzyme to test if certain functions work on the frontend
     ii. Test authentication with edge cases
     iii. Test Create Notes with edge cases
   - **Total hours: 17 (7 points)**

2. **As a user, I want a nice fluid U.I. where I can navigate all notes and upload**
   - Stylize the U.I with CSS/templates (~ hours 5)
   - Put finishing touches and work on wrapping up the app and getting the whole team's acknowledgment (~ hours 5)
   - Overhaul the new UI dark theme design (~ hours 2)
   - Fix remaining UI design layout in the "browse page" (~ hours 2)
   - Make background images slightly transparent for better text visibility (~ hours 2)
   - **Total hours: 10 (10 points)**

3. **As a team, we want to create a proper demonstration.**
   ○ Create our PowerPoint (~ hours 3)
   ○ Create a demonstration to present to the class (~ hours 3)
   ○ Practice the presentation (~ hours 2)
   ○ **Total hours: 7 (3 points)**

4. **As a user, I want to be able to upvote notes that I think are helpful**
   ○ Create a server route to upvote a set of notes (~ hours 4)
   ○ Create a method to update the rating value in the database (~ hours 3)
   ○ Be able to store and retrieve a list of users that have upvoted a certain notes page (~ hours 2)
   ○ Create a button to "like" a page of notes, if the user has already liked the notes, this button should change to an "unlike" button (~ hours 5)
   ○ **Total hours: 14 (5 points)**
5. **As a user, I would like to choose between a darker and lighter theme.**
   ○ Create a button toggle that can switch the UI between light and dark mode (~hours 2)
   ○ Update all page background colors that are correlated with dark or light themed colors (~hours 3)
   ○ **Total hours: 5 (1 points)**

Scale : 1, 3, 5, 7, 10

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

Initial Task Assignment:
- **Nikhil:**
  - **Story 1:**
    - Create a Postman testing suite
    - Do final testing for the backend
  - **Story 3:**
    - Create our PowerPoint
    - Create a demonstration to present to the class
    - Practice the presentation

- **Story 4:**
    - Create a server route to upvote a set of notes

- **Mehul:**
    - **Story 1 :**
        - Set up routes to truncate the database and create a test environment.
        - Create a Postman testing suite
    - **Story 3 :**
        - Create our PowerPoint
        - Create a demonstration to present to the class
        - Practice the presentation
    - **Story 4 :**
        - Create a server route to upvote a set of notes
        - Be able to store and retrieve a list of users that have upvoted a certain notes page

- **Akshay:**
    - **Story 2:**
        - Stylize the U.I with CSS/templates
    - **Story 3:**
        - Create our PowerPoint
        - Create a demonstration to present to the class
        - Practice the presentation
    - **Story 4:**
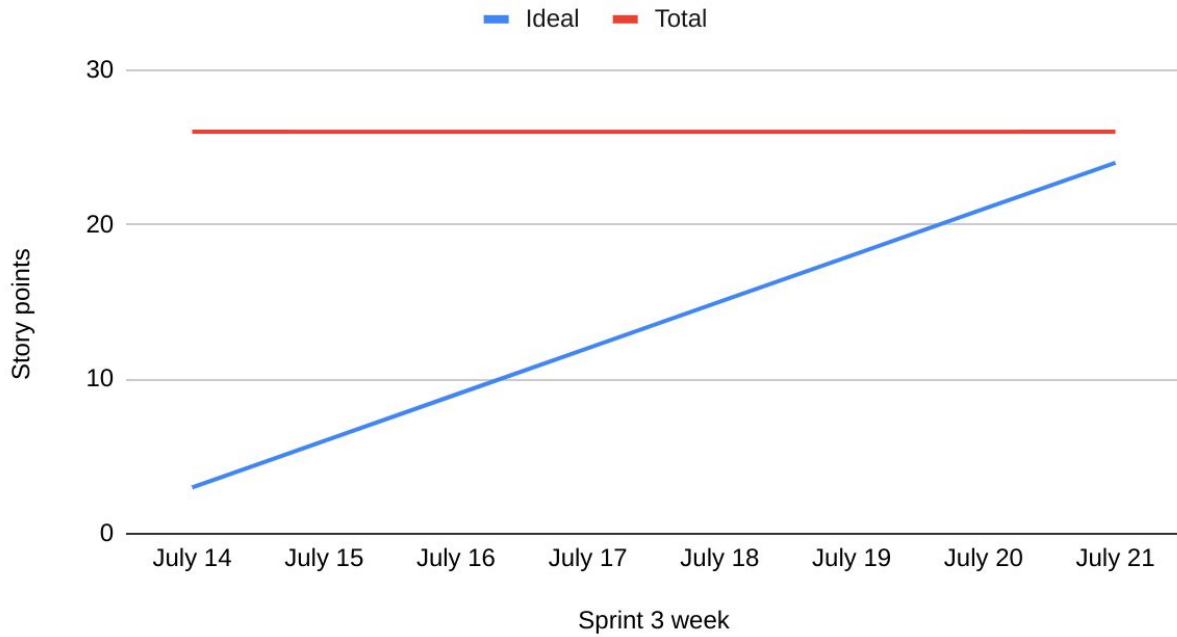   - Help with creating UI for thumbs up/down button

- **Clarence:**
    - **Story 2**
        - Overhaul the new UI dark theme design
        - Fix remaining UI design layout in the "browse page"
        - Make background images slightly transparent for better text visibility
    - **Story 3**
        - Work on our product presentation for the frontend side
        - Document the setup of the frontend code and HTML layout
    - **Story 4**
        - Set up the UI for thumbs up/down for players to click on
        - Show the number of dislikes and likes
        - Connect the metadata to the backend

- **Alec:**

- **Story 1:**
    - Do final testing for the backend
    - Do final testing for the frontend
- **Story 3:**
    - Create our PowerPoint
    - Create a demonstration to present to the class
    - Practice the presentation
- **Story 4:**
    - Be able to store and retrieve a list of users that have upvoted a certain notes page

- **Farhan:**
    - **Story 1:**
        - Use Enzyme to test if certain functions work on the frontend
        - Test authentication with edge cases
        - Test Create Notes with edge cases
    - **Story 2:**
        - Stylize the U.I with CSS/templates
        - Fix remaining UI design layout in the "browse page"
    - **Story 3:**
        - Create our PowerPoint
        - Create a demonstration to present to the class
        - Practice the presentation
    - **Story 4:**
        - Create a method to update the rating value in the database
        - Be able to store and retrieve a list of users that have upvoted a certain notes page
        - Create a button to "like" a page of notes, if the user has already liked the notes, this button should change to an "unlike" button

Initial Burnup Chart:

Ideal, Total and Completed

Ideal ▬ Total ▬

Sprint 3 week

Initial scrum board:
- Check our monday board

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

Last modified: 7/14/20