Sprint 3 Plan (11/8/2023 - 11/21/2023)

Heading: Sprint 3 Plan, Robot Ear, 11/8/2023

Overall goal: Frontend sends .wav file, backend sends array back of music notes, music sheet pdf is created and can be downloaded by the user. Start documentation and coding standards.

TASK LIST:

User story: {High} As a user, I want the web application to well connected so that it is functioning { 3 }

- Get request of the data from the backend (1-2 hours)
- Download API endpoint (test with postman) (1-2 hours)

Total Hours: 3

User story: {High } As a user, I want to be able to receive a pdf of generated sheet music so that I can reference it { 3 }

- Look into javascript library(vex flow) to create pdf for the user (2 hours)
- Implement (4 hours)

Total Hours: 6

User story: {Medium} As a user, I want to be able to log into the web application { 4 } (stretch functionality)

- Research and implement login functionality (4-5 hours)

Total Hours: 4 hours

User story: {Medium} As a user, I want to be able to save my sheet music on the web application so that I can reference the sheet music in the future { 4 } (stretch functionality)

- Create the endpoint to save the string of notes (1 hour)
- Tweak the database model to be able to handle this functionality (30 min)
- Implement the front-end for this functionality (3 hours)
- Call endpoint to save notes from the front-end (30 min)

Total Hours: 5

User story: {Low} As a user, I want the web application to be well tested, so that I get the most precise sheet music { 2 }

- Thoroughly test classifier (2 hours)

Total Hours: 2

TEAM ROLES

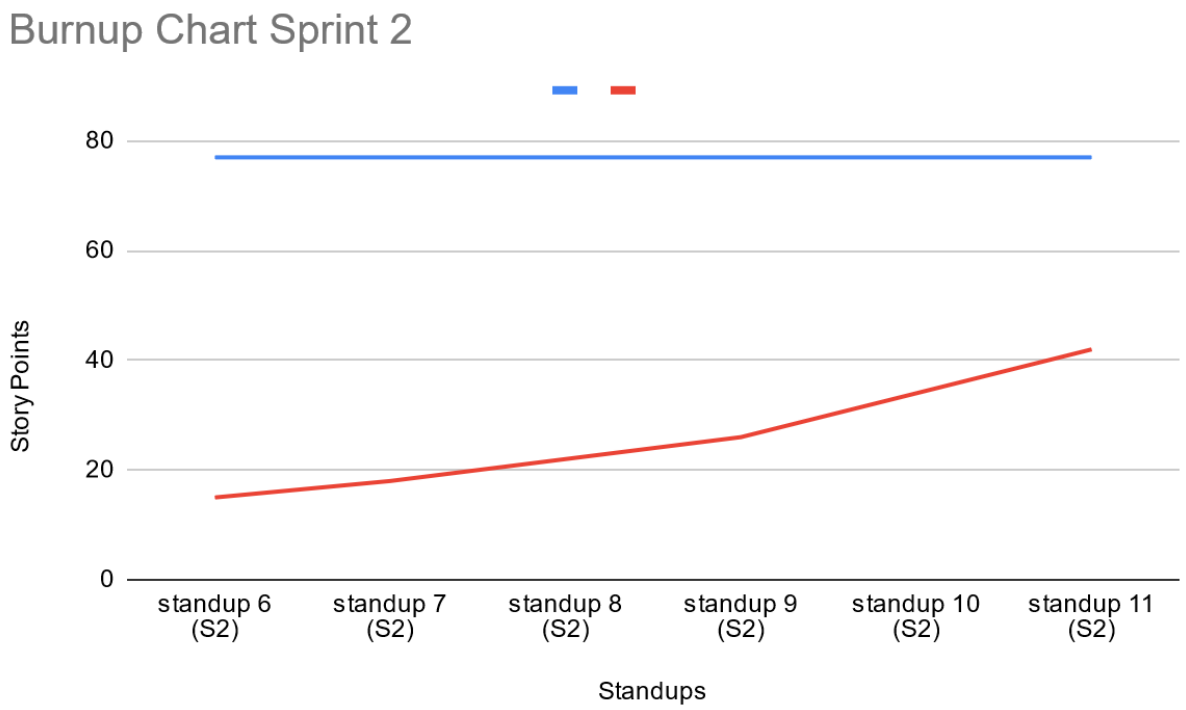
Elliott Jensen: Product Owner

Rishita Wairagade : Developer

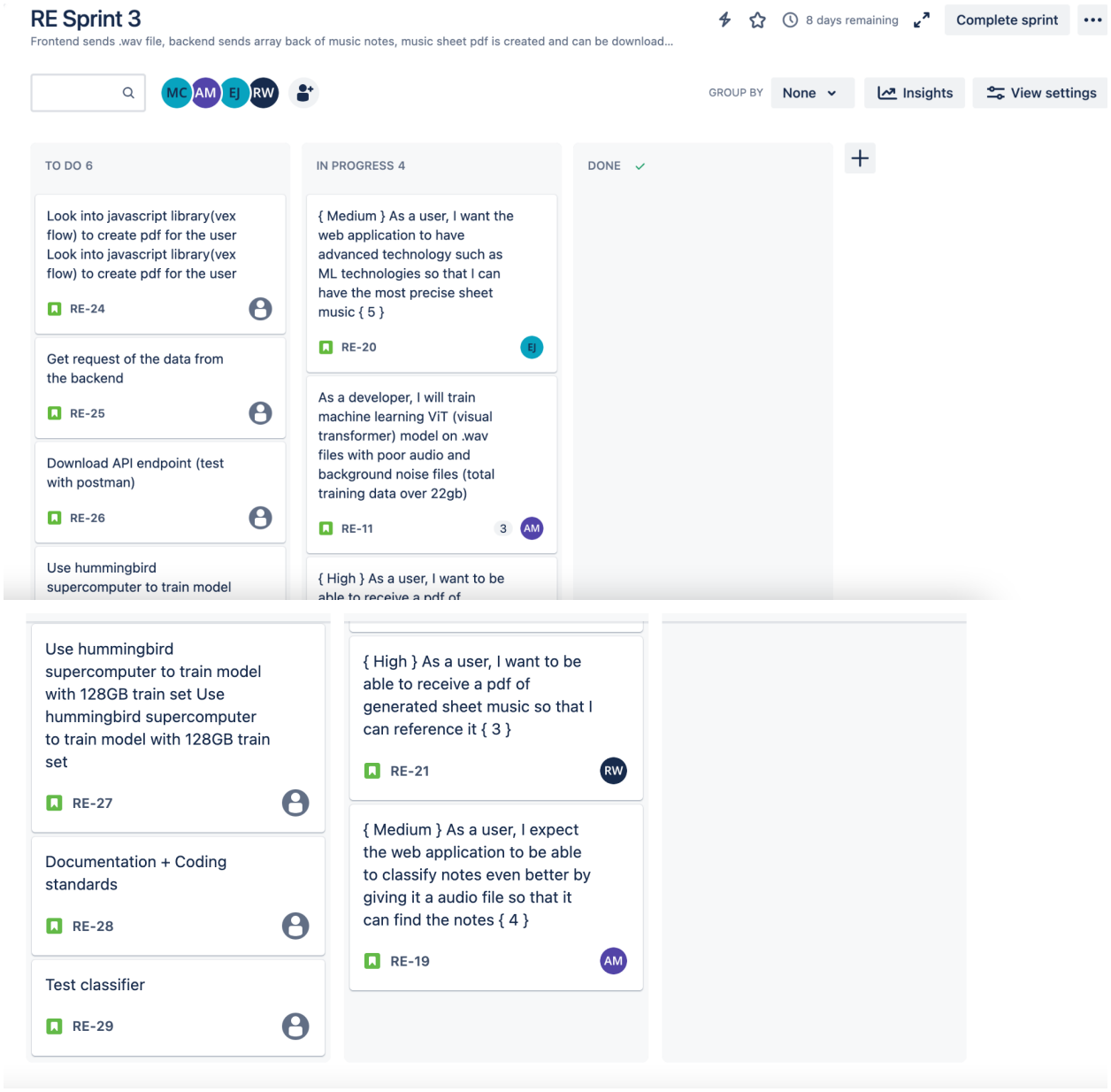
Melany Del Cid Chavez : Scrum master
Tanya Gyanmote : Developer
Ana Melissa: Developer
Lily Faris: Developer

TASK ASSIGNMENT
Elliott Jensen: classifier
Ana Melissa: classifier
Rishita Wairgrade: Fixed window segmenter +pdfer
Lily Faris: Fixed window segmenter + pdfer
Melany Del Cid Chavez: Figma and React Components +pdfer
Tanya Gyanmote: Figma and React Components + pdfer

INITIAL BURNUP CHART



SCRUM BOARD



Standup Meeting times:

Monday : 9:30-10:30
TA Meeting: 10:45-11:15
Wednesday: 12:30-12:45
Friday: 12:00-12:15