

# Sprint 1 Plan (10/11/2023 - 10/24/2023)

**Heading:** Sprint 1 Plan, Robot Ear, 10/24, Revision 1

**Overall Goal:** The goal for this sprint is to finish researching the technology stack, begin front-end implementation, and finish the code for the segmenter + classifier on the back end.

## TASK LISTING:

User story: { High } As a user, I expect a well-thought-out design using a designing tool such as Figma for the web application so that it is intuitive { 2 }

- Designing Figma page (2-3 hours)

Total Hours: 3

User story: { High } As a user, I want the web application to be visually appealing so that I have a good experience { 2 }

- Create .jss files that follow the design created (3-6 hours)

Total Hours: 6

User story: { Medium } As a user, I expect the web application to have a functioning front-end so that I can have a good experience { 4 }

- Set up React web app (1-2 hours)
- Creating React Components (4 hours)

Total Hours: 5

User story: { High } As a user, I expect the web application to be able to segment the audio file precisely so that it can identify notes { 3 }

- Research libraries (3 hours)
- implementing fixed window segmenter (2)

Total Hours: 5

User story: { High } As a user, I expect the web application to be able to classify notes by giving it an audio file so that it can find the notes { 4 }

- Implement frequency-based classifier (5 hours)
- Test frequency-based classifier (1 hour)

Total Hours: 6

## TEAM ROLES

Elliott Jensen: Product Owner

Rishita Wairagade : Scrum Master, Developer

Melany Del Cid Chavez : Developer

Tanya Gyanmote : Developer

Ana Melissa: Developer  
Lily Faris: Developer

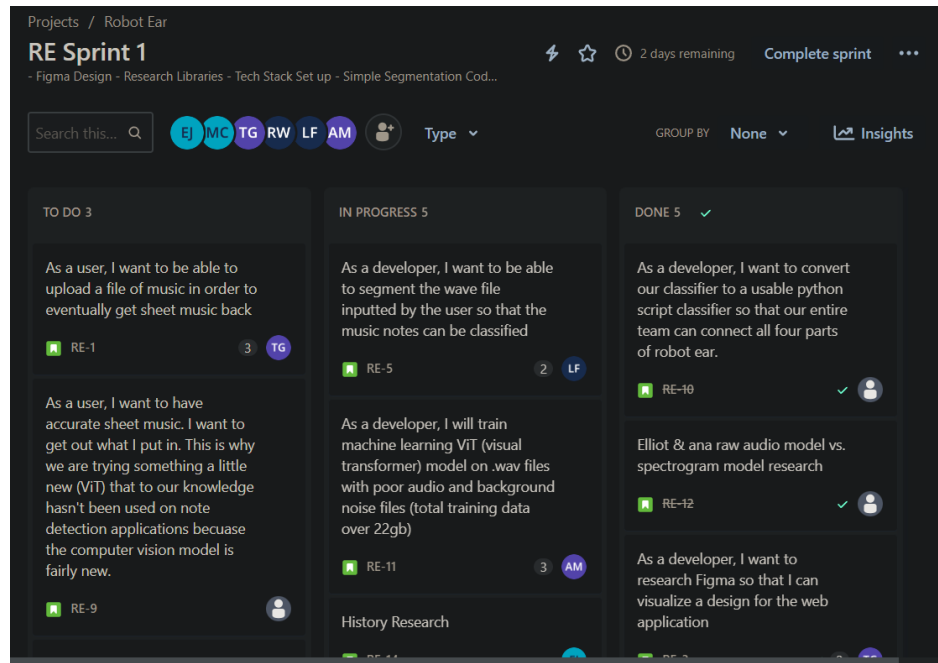
## TASK ASSIGNMENT

Elliott Jensen: Frequency-based classifier  
Ana Melissa: Frequency-based classifier  
Rishita Wairgrade: Fixed window segmenter  
Lily Faris: Fixed window segmenter  
Melany Del Cid Chavez: Figma and React Components  
Tanya Gyanmote: Figma and React Components

## INITIAL BURNUP CHART:



## SCRUM BOARD:



## Standup Meeting times:

Monday : 12:00-12:15

Wednesday: 12:30-12:45

Friday: 12:00-12:15