Sprint 4 Plan (11/8/2023 - 11/21/2023)

Heading: Sprint 4 Plan, Robot Ear, 11/8/2023

Overall goal: Connecting front-end and back-end, train transformer on hummingbird (*supercomputer*), implement login feature. Update repository and code to meet 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}
- Connect the classifier return value
- Format the input for the pdf (3 hours)

Total Hours: 3

User story: {High} As a user, I want to get correctly note-classified sheet music so that I can depend on it to be accurate. {5}
- Refine the frequency based classifier (2 hours)
- Fix the machine learning classifier and connect that to the segmenter. (4 hours)

Total Hours: (5-6 hours)

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

Total Hours: 4

User story: {High} As a user, I expect the web application to the well documented so that in the future if the application needs support there is documentation {3}

Total Hours: 3-5

TEAM ROLES

Elliott Jensen: Product Owner
 Rishita Wairagade : Developer
 Melany Del Cid Chavez : Developer
 Tanya Gyanmote : Developer
Ana Melissa: Developer
Lily Faris: Scrum master

TASK ASSIGNMENT

Elliott Jensen: classifier
Ana Melissa: classifier
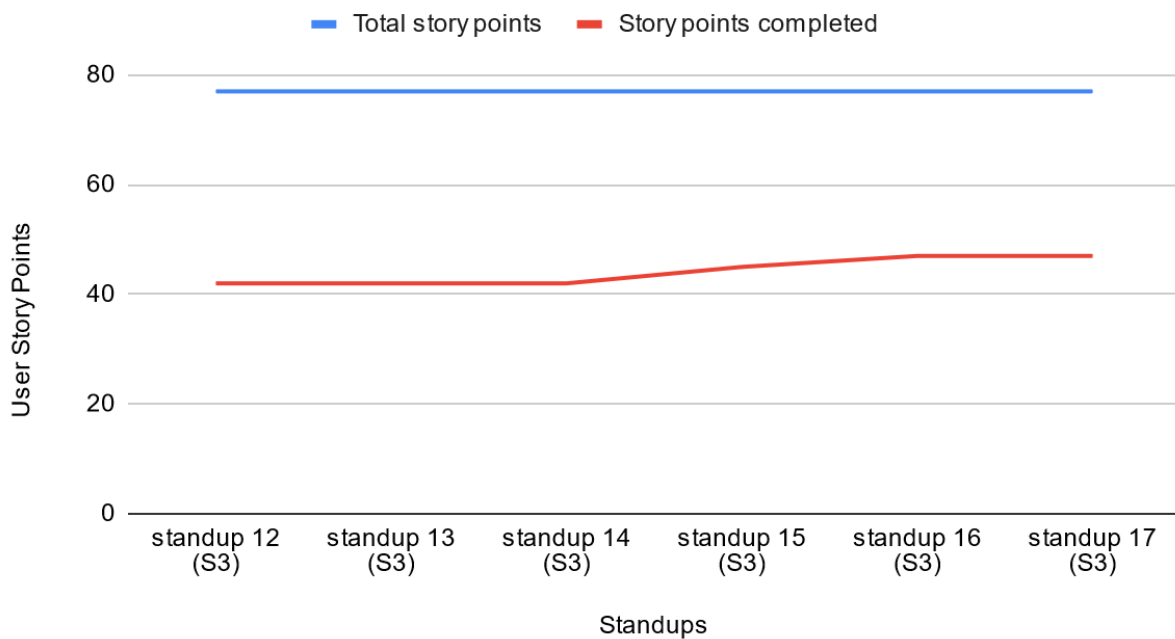Rishita Wairgrade: Login + segmentation + save function
Lily Faris: Fixed window segmenter
Melany Del Cid Chavez: Login
Tanya Gyanmote: Login + save function

BURNUP CHART

Burnup Chart Sprint 3

SCRUM BOARD

RE Sprint 4

⚡ ☆ 🕐 24 days re

🔍 LF 👤+

TO DO 1	IN PROGRESS 3	DONE 1 ✓
{Medium} As a user, I want the web application to be well tested, so that I get the most precise sheet music {2}	{High} As a user, I want to get correctly note-classified sheet music so that I can depend on it to be accurate.	{High} As a user, I want to be able to log into the web application so that I can engage with a personal UI {4}
🔖 RE-35 👤	🔖 RE-34 👤	🔖 RE-32 ✓ 👤
	{High} As a user, I want the web application to well connected so that it is functioning {3}	
	🔖 RE-31 👤	
	{High} 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}	

Standup Meeting times:

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