

The Music Assistant

Milestone 5 • March 30, 2020

Overview

- Current Progress Matrix
- User testing (Florida Tech and EFSC)
- Website updates
 - New design
 - Choir members page
 - Updated practice page
 - Performances page
 - Exercise page

A scenic view of the Florida Tech campus. In the foreground, there's a pond with a fountain in the center, surrounded by lush green trees and bushes. In the background, several modern buildings with brick facades and large windows are visible under a clear blue sky.

Milestone 5 Tasks

Current Progress

Task	Completion %	Daniel Griessler	Dan Levy	Javier Muñoz	Todo
Complete a Cycle of User Testing	30%	10%	10%	10%	Get users to actually use it
Create Poster	0%	0%	0%	0%	Pushed to Milestone 6
Design and Code the Home Page	0%	0%	0%	0%	Put in the backlog. We have other tasks that are more important right now.
Design and Code the Music Selection Page	100%	0%	100%	0%	None.

Current Progress Cont.

Task	Completion %	Daniel Griessler	Dan Levy	Javier Muñoz	Todo
Design and Code the Exercise Practice Page	100%	50%	50%	0%	None.
Design and Code the Choir Page	100%	0%	100%	0%	None.
Design and Code the Member Accept/Reject Page	0%	0%	0%	0%	Put in the backlog. We have other tasks that are more important right now.
Design and Code the Add/Join Choir Flow	0%	0%	0%	0%	Put in the backlog. We have other tasks that are more important right now.

Current Progress Cont.

Task	Completion %	Daniel Griessler	Dan Levy	Javier Muñoz	Todo
Finalize Exercise Generation	60%	20%	0%	40%	Need to confirm tool's
Finalize Analysis Verification	100%	20%	0%	80%	The final bugs in the analysis were confirmed to be errors in the test file, analysis (i.e. measurement of note/duration) is accurate barring microphone issues.

User Testing

- Versions 0.0.1 and 0.0.2 deployed to Florida Tech choir under Professor Dopira and to EFSC choir under Dr. Lamb
- Goal:
 - Establish a base line
 - Introduce exercises and feedback to some members
 - Monitor progression
- Outcome: Handful of users actually participated, didn't get past establishing a base line

New Design

- More user-friendly
- Fits our overall layout better
- More room on the page for the main content

Updated Practice Page

- Practice page was a POC when we began user testing
- Redesigned the page
 - Dropdown for part selection
 - Updated play, pause, and stop buttons
- Refactored the logic behind the practice page
- Lots of bug fixes
 - Handle either the lack of a microphone or denied access to the user's microphone

Performance Page

- Shows the latest performance using green, yellow, and red highlighting
- Exercise generator
 - Select start and end measures
- Ability to flip-flop between the practice page and performance page for a given song

Exercise Page

- Very similar to the performance page
- No track selection
 - Would like to add this later

Demos

Website Updates

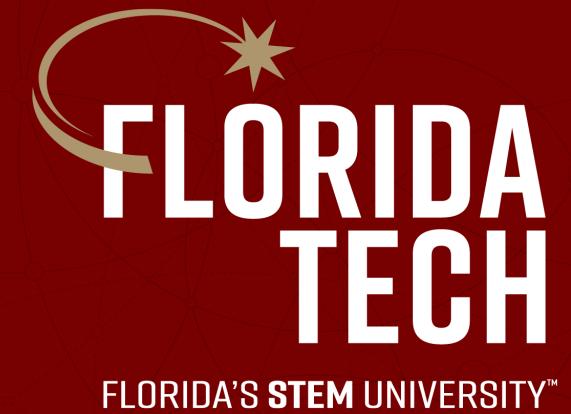
- Show new pages

A scenic view of Florida Tech's campus. In the foreground, a large, calm lake reflects the surrounding buildings and trees. A fountain is visible in the center of the lake. On the right side, a large, modern brick building with a prominent white dome and a circular window is visible. The sky is clear and blue. The overall atmosphere is peaceful and sunny.

Next Milestone

Tasks

Task	Daniel Griessler	Dan Levy	Javier Muñoz
Create Poster and E-Book Page	33%	33%	33%
Release 2nd round of testing	33%	33%	33%
Fine-Tune performance grader	30%	0%	70%
Add sheet music notation guide	100%	0%	0%
Integrated Communication Tool	50%	50%	0%
Clean up Website Code and Fix Remaining Bugs	10%	90%	0%
Come up With Ideas for Statistics	33%	33%	33%
Detect Similarities in Sheet Music	10%	0%	90%



Questions?

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