Software Project Management Plan

SP-12 Music Scheduling Mobile Application

CS 4850-S1 Senior Project

Fall 2022

Sharon Perry

Team Members

Alejandro Zicavo

Tubatsi Moloi

Elmiche Kinmakon

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Overview

Currently, Professor Lindsey, a trumpet professor of the Department of Music at KSU, is currently using an application called GOLD to schedule routine practices for his students. The GOLD has limitations that he would like to improve on in our design of a similar application. The purpose of this project is to address the main frustrations he has with the GOLD application and to provide automation in repetitive routines. The final deliverables will also include testing, a user manual, and deployment to the app store. The scope of this project includes creating a cross platform application that can easily be used by the professor and his students, the professor can manage his different sessions, and students can see the practices assigned to them. The scope does not include a chat messaging functionality nor scheduling live practice sessions.

Project Team

Roles	Name	Major Responsibilities	Contact (Email and/or Phone)
Project Owner	Douglas Lindsey	Provides feedback on designs; Assist with understanding musical terminology; Has final say on the requirements.	E: dlinds15@kennesaw.edu
Team Leader	Alejandro Zicavo	Main point of contact for the Project Owner to reach out to; Schedule Meetings; Contribute to Design and Development of application.	E: alejandrozic@gmail.com
Team Members	Tubatsi Moloi Elmiche Kinmakon	Contribute to Design and Development of application.	E: Batsimoloi28@gmail.com E: elmken207@gmail.com
Advisor/Instructor	Sharon Perry	Facilitate project progress; advise on project planning and management.	E: Sperry46@kennesaw.edu

Project Website

https://sp12-studio-buddy-website.netlify.app/

Final Deliverables

1) Mockup
2) Test Plan
3) Cross-platform mobile application
4) User Manual
5) Deployment to App Store

Milestones

9/02/2022:

❖ Meet with stakeholder(s) (Professor)

9/09/2022:

❖ Define requirements

9/16/2022:

❖ Define tech requirements
❖ Database design
❖ Review requirements with professor
❖ Get sign off on requirements
❖ Begin mockup design

9/23/2022:

❖ Finish Mockup design

9/30/2022:

❖ Develop working prototype
❖ Get professor to sign off on mockup design

10/07/2022:

❖ Begin converting mockup to code

10/28/2022:

❖ Finish converting mockup to code

11/04/2022:

- ❖ Deployment in App Store
- ❖ Finish Documentation

11/11/2022:

- ❖ Final report
- ❖ Presentation preparation

11/18/2022:

- ❖ Poster Preparation

11/25/2022:

- ❖ Presentations
- ❖ Final report submission to D2L and project owner

Milestone Meetings

Meetings with Project Owner, Team - Weekly   (Teams/In-Person)

Check In for Milestone #1 (Course) - 10/13/22 6:30pm (Teams/In-Person)

Check In for Milestone #1 (Mockup) - 10/28/22 6:30pm (Teams/In-Person)

Check In for Milestone #2 - (MVP) - 10/20/22   6:30pm   (Teams/In-Person)

Check In for Milestone #2 (Course) - 10/27/22 6:30pm   (Teams/In-Person)

Check In for Milestone #3 (Course) - 11/11/22 6:30pm   (Teams/In-Person)

Check In for Milestone #3 (Presentation Preparation) - 11/17/22 6:30pm   (Teams/In-Person)

Collaboration and Communication Plan

Communication will primarily be done through GroupMe. Meetings will be held weekly to determine the work required for the week. Meeting notes will be a collaborative effort for the time being. Files will be shared via Google Drive, and our client will be notified of our progress bi-weekly.

Resources Used

- Android Studio
- Visual Studio Code
- Oracle Cloud
- Youtube.com
- GitHub
- Netlify

Version Control

GitHub will be the primary tool used for version control. When updates are made and approved, we will push our new code to the project repository on the website.

Project Tasks and Schedule

Project Plan Work (Gantt) - Musci App.xlsx