Project Status Report II

Date of Report Issue/Prepared: Mar 11, 2022

Report Prepared By: Chi Calvin Nguyen

Employer/Organization: T24 Capstone Project

Project Name:	MSS with Mobile Music Player App	
Project Team:	Chi Calvin Nguyen, James Weber De Asis, Simon Ung, Aryan Luthra	
Period Reporting:		
Overall Project Health	Start Date: **Feb 05, 2022**	End Date: **Mar 11, 2022**
	Green (Good) - Yellow (Warning) - Red (Bad)	

Summary

Project Status Summary
Development is continuing at pace with the backend features planned by the team having been completed and the project having moved onto development of the frontend mobile app. Team members have been assigned various parts of the frontend mobile app to develop.

Accomplishments As Planned	Planned but not Accomplished
User Uploaded Content Functions - User can upload an audio file (WAV, MP3, OGG)	Research Packages / UI Framework for Frontend (Ionic Angular) - Team will continue researching Ionic and Angular
Content Format & Quality Conversion - Audio files that user has uploaded is converted into various formats	Basic Functional Music Player - will play songs from local files, and contains features such as play next/previous, shuffle and loop song.
Streaming Music Functions - Users can stream an audio file by passing a query with the id, bitrate, & format	Frontend Development
Managing Content Functions - Users can edit aspects of the content they uploaded or delete them	
Sharing Playlist Functions - Users can upload a playlist and songs which are online (backend) can be shared	
Content Search Functions - Users can search by genre, title or artist and receives a list of matching songs	

Content Ratings, Data & Metrics - Users can send ratings, and the number of plays of a song are shown	
Content Claiming System - Copyright holders can send claims on content	
Administrator Functions - Administrators can ban users, delete content, & review content claims	
Complete Backend	

Upcoming Objectives for **Mar 12, 2022, to Apr 01, 2022**

	Planned Activities/Tasks for Next Period		
Activity/Task	Assigned To <name/s>	Duration <days>	Date
Continue Researching Packages / Review Frontend Technologies	Chi Calvin Nguyen, James Weber De Asis, Simon Ung, Aryan Luthra	6	Mar 12, 2022
Local Storage & File Scan	Chi Calvin Nguyen	2	Mar 12, 2022
Basic Functional Music Player	Chi Calvin Nguyen	4	Mar 12, 2022
Local Playlist / Queue Functions - Create Playlist, Add Songs	Chi Calvin Nguyen	2	Mar 14, 2022
Registration / Login Pages	James Weber De Asis	7	Mar 12, 2022
Main Backend App Page - Page after logging in	Aryan Luthra	7	Mar 12, 2022
Search Page	Simon Ung	7	Mar 12, 2022
Integration of Streaming into Music Player	Chi Calvin Nguyen	11	Mar 16, 2022
Navigation - Navigate through app and include pages which require authentication	James Weber De Asis, Simon Ung, Aryan Luthra	7	Mar 20, 2022
Upload Song Page	Chi Calvin Nguyen, James Weber De	7	Mar 20, 2022

	Asis, Simon Ung, Aryan Luthra		
Managing Account & Content Page	Chi Calvin Nguyen, James Weber De Asis, Simon Ung, Aryan Luthra	7	Mar 20, 2022
Share Playlist Page	Chi Calvin Nguyen, James Weber De Asis, Simon Ung, Aryan Luthra	7	Mar 20, 2022
Metrics & Ratings	Chi Calvin Nguyen, James Weber De Asis, Simon Ung, Aryan Luthra	7	Mar 20, 2022

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
File Scan, Storage and Playlist Creation	Chi Calvin Nguyen	Mar 16, 2022
Basic Functional Music Player	Chi Calvin Nguyen	Mar 16, 2022
Basic Backend Pages (Registration, Login, Main App, and Search)	James Weber De Asis, Simon Ung, Aryan Luthra	Mar 20, 2022
Integration of Backend Streaming into Music Player	Chi Calvin Nguyen	Mar 27, 2022
Navigation Between Pages	James Weber De Asis, Simon Ung, Aryan Luthra	Mar 27, 2022
Upload Song & Share Playlist Page	Chi Calvin Nguyen, James Weber De Asis,	Mar 27, 2022

	Simon Ung, Aryan Luthra	
Managing Account, Content & Metrics	Chi Calvin Nguyen, James Weber De Asis, Simon Ung, Aryan Luthra	Mar 27, 2022
Complete Frontend	Chi Calvin Nguyen, James Weber De Asis, Simon Ung, Aryan Luthra	Apr 1, 2022

Managing Issues and Risk

Issues/Problems	Resolution Strategy	Due Date
Unfamiliarity with Ionic & Angular framework technologies used for the front-end.	Team will continue to practice and research while developing the frontend. The team has found various guides, documentations and examples of projects using these technologies which are similar to our scenario.	Mar 20, 2022

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
UI / UX Design - With the focus mainly being on core functions, the UI / UX experience may be lacking.	Med	Low	If a team member completes assigned parts early, they will be assigned to UI.

NOTE: Attach additional sheets if insufficient space available

Submission Guidelines:

Please submit as "W22_T<team number>_ProjectReport2".
For e.g., W22_T45_ProjectReport2

This is a group submission i.e. one per group.

Due Dates:

Sunday, Mar 13, 2022 (11:59 p.m.)