**Project Status Report II**

| Date of Report Issue/Prepared: Mar 11, 2022 |
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Report Prepared By: Chi Calvin Nguyen

Employer/Organization: T24 Capstone Project

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

Summary

| **Project Status Summary** |
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| 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 Asis, Simon Ung, Aryan Luthra | | 7 | Mar 20, 2022 |
| 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, Simon Ung, Aryan Luthra | Mar 27, 2022 |
| 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.)**