SP-27—Blue Spotify

**CS 4850 - Section 01 – Fall 2024**

**Aug 21, 2024**

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| Team Leader  Courtney Faulkner | | Serena Noboudem  Developer | | Naomie Dongmo  Developer | |
| Kapawa Nounamo  Tester | | Leslie Keyangue  Documentation | |

**Team Members:**

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| --- | --- | --- |
| Name | Role | Cell Phone / Alt Email |
| Courtney Faulkner (Team Lead) | Developer | 706-248-9234  [courtney.faulkner11@gmail.com](mailto:courtney.faulkner11@gmail.com) |
| Serena Noboudem | Developer | 404.599.9575  [nobserena@gmail.com](mailto:nobserena@gmail.com) |
| Naomie Dongmo | Developer | 404.706.1561  helenanaomie3@gmail.com |
| Kapawa Nounamo | Tester | 404.202.7469  [Pawanounamo@gmail.com](mailto:Pawanounamo@gmail.com) |
| Leslie Keyangue | Documentation | 404.606.4353  [keyangueleslie@gamil.com](mailto:keyangueleslie@gamil.com) |
| Sharon Perry | Project Advisor | 770.329.3895  [Sperry46@kennesaw.edu](mailto:Sperry46@kennesaw.edu) |

**Collaboration Tools:**

The following collaboration tools will be utilized to ensure effective communication and teamwork throughout the project:

|  |  |
| --- | --- |
| Communication | Teams, Cellphones (Call/Text) |
| Version Management | GitHub |
| Collaboration | Group Me |

**Abstract:**

Spotify is a digital platform that offers seamless access to millions of songs, podcasts, and videos from creators around the world. It is designed to simplify the discovery and enjoyment of music, making it accessible to users everywhere. Spotify is available across a range of devices, including computers, phones, tablets, speakers, TVs, and cars, and you can easily transition from one to another with [Spotify Connect](https://support.spotify.com/us/article/spotify-connect/). It offers personalized recommendations based on your listening habits, connecting users to a wide range of music and podcasts. By curating playlists, suggesting new artists, and providing access to millions of tracks, Spotify helps users find the perfect soundtrack for every moment. Initially focused on music, the platform has expanded to include podcasts and other forms of audio content, catering to diverse tastes and preferences across different regions and cultures.

**Platform:**

Mobile Spotify app using React Native, Flutter or Dart for the front end. The backend will be developed with Node.js and Express.js, integrating the Spotify API for music streaming and custom playlist creation. Data management will use Firebase Authentication, Firebase Storage, and MongoDB (with Mongoose). The app will be deployed on Play Store.

**Project Deliverables:**

The following outlines the key deliverables for the project, which will ensure timely progress and successful completion:

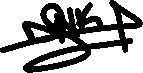
* Team/Project Selection document
* Weekly Progress Reports
* Team Status Report
* Peer Evaluations
* Project Roadmap
* Technical Documents: SRS, SDD, STP & Dev Doc
* Prototype Presentation for Peer Review
* Final Report Package
  + - Final Report
    - Source Code
    - Website with Music Streaming Features
    - Video Demo
* Spotify-Compatible Mobile Apps (iOS and Android)
* C-Day Application/Submission

**STATEMENT OF PARTICIPATION** (all team members must sign this, and scan it into document)

By signing below, I DJUICHOU KAPAWA NOUNAMO (print name clearly­) acknowledge that I will participate in all meetings, communications, deliverables, and other tasks necessary to complete the project. If I do not participate, I understand that Professor Perry will meet with me to remedy the situation.

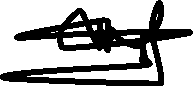
\_\_\_\_ Kapawa \_\_\_08/21/2024\_\_\_

Team Member Date



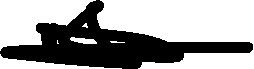
\_\_\_\_\_\_Serena Noboudem \_\_\_\_\_\_\_ \_\_\_08/21/2024\_\_\_

Team Member Date



\_\_\_\_\_Naomie Dongmo \_\_\_\_ \_\_\_08/21/2024\_\_\_

Team Member Date



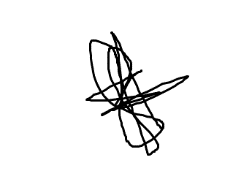
\_\_\_\_\_\_ Courtney Faulkner \_\_\_\_\_\_\_ \_\_\_08/21/2024\_\_\_

Team Member Date



\_\_\_\_\_\_Leslie Alexanne KEYANGUE \_\_\_\_ \_\_\_08/21/2024\_\_\_

Team Member Date

**Keyangue**