Team 21 Project Charter

Members: Kaung Zaw, Carson Rupp, Rohan Shankar, Matthew Witherow, Ethan Clay

Problem Statement

Students across campuses don't have a centralized platform to share and discover music along with local live music events happening around campus. Local artists are also underrepresented in Spotify. Spotify currently lacks social media aspects that allows users to discuss the music they are listening to, does not allow users to form groups tailored to their music tastes and lacks information about local live music events. Our project will differ from existing services by focusing more on a local scale rather than a worldwide scale.

Project Objectives

1. Our project will expand upon what Spotify currently offers with regards to social aspects by enabling users to form groups and view the listening habits and history of the group.
2. We intend on promoting local music and artists by providing a platform from which they can advertise their work through music they produce or by live music venues.
3. Users with their purdue.edu email (mostly student artists) or designated businesses will be able to use our app to announce any live performances on the Purdue campus.
4. Implement local charting unique to the Purdue campus, providing interesting statistics on the listening habits of local groups and Purdue students as a whole.

Stakeholders

Users: Typical users would include members of Purdue University (students, professors, staff) and local artists interested in promoting their work.

Developers: Kaung Zaw, Carson Rupp, Rohan Shankar, Matthew Witherow, Ethan Clay

Project Sponsor: Siddharth Dhar

Project Owners: Kaung Zaw, Carson Rupp, Rohan Shankar, Matthew Witherow, Ethan Clay

Project Deliverables

- A cross-platform mobile app (android/iOS) built with React Native and Javascript that does the following:
- Account integration system through MongoDB back-end (MERN)
- Use the Spotify API to provide interesting listening statistics (genres, generated playlists, etc.) at both the individual and group level
- Allow local artists to promote their work through music projects and live events
- Group system for close friend groups and clubs