Branti
A music streaming platform
Mid term progress report

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1 Introduction

Branti is a music streaming platform that provides creators with a streamlined process of getting their music released while also giving listeners an enjoyable experience.

It is being developed by **Siddhant Kumar (cde-1912505)** and **Rishabh Raj (cde-1912010)** under the supervision of **Er. Rahul Gautam (AP, CSE)**.

2 Progress

- The progress on **Branti** has been great so far. We have roughly outlined a plan for this project. We have also divided tasks between us.

- **Rishabh Raj** is working on the front-end of **Branti** which includes HTML, CSS, and JavaScript. His responsibilities include implementing the User Interface and building the media player.

- **Siddhant Kumar** will be working on the backend of **Branti** that is being built using the Ruby on Rails framework. He will handle the database modeling, media upload and provide other necessary data required on the front-end.

2.1 Frontend Progress

- The front-end of our project consists of a single page that will show available songs, a media player, playlists, and popup windows for adding/editing custom playlists.

- The designs are ready for the home page. It is available in the documentation of the code repository (`gitlab.com/siddhantCodes/branti`).

- **Rishabh Raj** has worked on the static HTML and CSS code of the home page and it is almost complete.

2.2   Backend Progress

- The Gitlab project has been created.
- Documentation on how to setup the database of the project (`gitlab.com/siddhantCodes/branti`) has been created.
- Database setup (postgresql) is done.
- Database modeling and relations have been created.
- Authentication (email-password and Google OAuth sign-in) has been implemented.
- Test runner and framework (Rspec) is installed.
- Tests for existing models are in progress.

3   Pending Tasks

- Tests for models and associations between database models.
- Media upload (.webm music, thumbnails and user avatar).
- Controller tests.
- E2E tests (Optional).
- Documentation.

Supervisor's Signature