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Mini Project (Online Music Application)

Document History

Ver. No	Release Date	Created By / Modified By and Date	Reviewed By and Date	Approved By and Date	Remarks and Changes Made
0.1	31 st March 2021	Asfiya Khan	Yogesh Gaikwad		Initial draft.

Online Music Listening App

Project Statement:

You need to develop an application named “**PlanetM**” the music application.

Abstract of the System:

The main objective of the system is to create static website for listening music online. This website should have all kinds of music albums that user can listen to, in all languages. For listening all kinds of songs user should register first.

Pages to be created are as follows:

- 1. Home Page:** This page should have a background image related to music. Also use a modal dialog which has a welcome message with Login Option,
 - Login: User should login with email/phone and password.
 - Register: If the user is new user, user should register with name, email, phone, and password and confirm password fields.
- 2. Select Language Page:** This page comes after the user successfully logged in to the site, this page should have a Multi-Selectable dropdown list which has all the regional and international languages for selection and an **Explore Music** button after that, which will navigate to the music library page where user can listen to the songs as per the languages selected.

3. Music Library Page: This page should have multiple sections to show the content; following are the details of the sections.

- Side Icon – describes logged in user information.
And Search Bar for searching songs.
- Album Categories – Rock, Classical, Jazz etc.
- Recently Played Songs – List of recently played songs
- Albums – All the trending albums
- Artists – Artist wise songs.
- Audio panel where actual song gets played.

4. Music Panel / Audio Panel – This page is responsible for playing actual song, with all the controls available, following are the details this panel should have,

- Image of that song album.
- Audio panel with all necessary controls, including option for repeat, shuffle etc.
- On the right - side bar options like make favorite, add to playlist, download and share song.

5. User Profile Page – This page should have following options,

- Option of Adding profile picture
- My Playlists

6. User Profile Settings Page – This page should have,

- Change password option.
- Change profile pic.

Note: You are expected to create fake API's and perform read/write operations on them.(Json Server)

Technologies to be used:

- HTML5
- CSS3
- JavaScript
- JQuery
- SASS
- Bootstrap
- RWD
- Static code validator – Linter/Hinter
- Editors – VSCode, Eclipse, etc.
- Code coverage reports – SonarQube
- Other DevOps tools to be implemented.

Software Required

- Visual Studio Code
- Chrome / Mozilla browser.

Note – Make assumptions whenever required in the project.