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Computer Science (Gujarat Technological University)

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PROJECT REPORT

On

Media Player

Subject: Software Engineering

Semester: IV

Batch: D4

Date: 23/04/2020

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PROJECT DESCRIPTION

- This project is to create Media Player in which users play their favorite songs & video both.
- In this media player users have them personal playlist & favorite list where they can add & remove songs, for that there is user's login required.
- Our Media player only play that audio & video which is in your device.
- Our Media player supported all file types like **MP4, AVI, MOV, MKV, MPG, WMV, MPV** for video & **MP3, M4A, WAV** for audio.

SYSTEM FEATURE

1. Manage user details

1.1 Register new user

Description: user give his/her name, email id & valid new password.so user's details store in the database and now users have their personal account.

I/P: Enter registration details

O/P: Confirmation message is given. store his/her data into user's database

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1.2 Login user

Description: if user is already register their details then if user enter him/her correct username & password user can log into system.

I/P: Enter username & password.

O/P: if username & password are correct then user successfully log in to system, otherwise again redirect to login page.

1.3 Update user details

Description: User can update his/her details.

I/P: Enter new details.

O/P: "you update your details successfully" Confirmation message is display.

2.Manage playlist

2.1 Create playlist

Description: user create their personal playlist where he/she store songs.

I/P: Enter Playlist name

O/P: "new playlist is created" confirmation message is display.

2.2 Add songs in playlist

Description: user add many songs in different playlist by user's own choice.

I/P: Enter songs name

O/P: "you are added songs in playlist" confirmation message is display.

2.3 Delete playlist

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Description: user can delete the playlist.

I/P: Enter Playlist name

O/P: "playlist is deleted" confirmation message is display.

3.Manage Favourites

3.1 Add to Favourites

Description: User add his/her favourite songs into this Favourites feature. Songs stored in user's database.

I/P: Enter songs name

O/P: "add to favourites" confirmation message is display.

3.2 Remove from Favourites

Description: user can remove songs from the favourites.

I/P: Enter songs name

O/P: "remove from favourites" confirmation message is display.

NON-FUNCTIONAL REQUIREMENTS

1.Performance Requirements

- The main requirement for performance is good audio quality.
- It should provide fine resolution for videos.
- Media player is run in any web browser like chrome, Firefox.

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- No need to any installation.
- It’s not heavy program so media player run easily in any device.

2.Safety Requirements

- There are no specific safety requirements as media player cannot make user’s computer malfunction in anyway.

3.Security Requirements

- Media player is an open source project and free for use.
- It has its license agreement so Anyone can use it, view it, share it.

4.Software Quality Attributes

- Media player is easy to use because is a small program. User can easily learn to use it.
- The software’s interface is quite friendly, simple, easily understood, it works fast and is organized.
- Media player is a very fast and efficient program and users can easily change its options to satisfy their needs.

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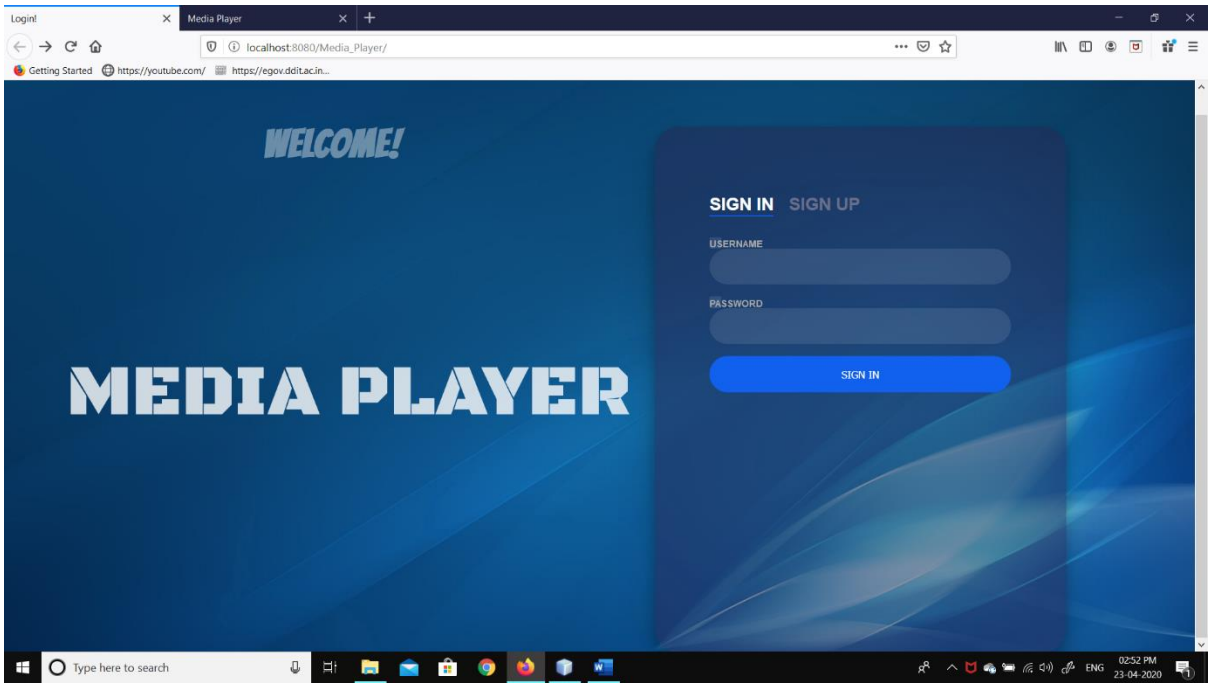
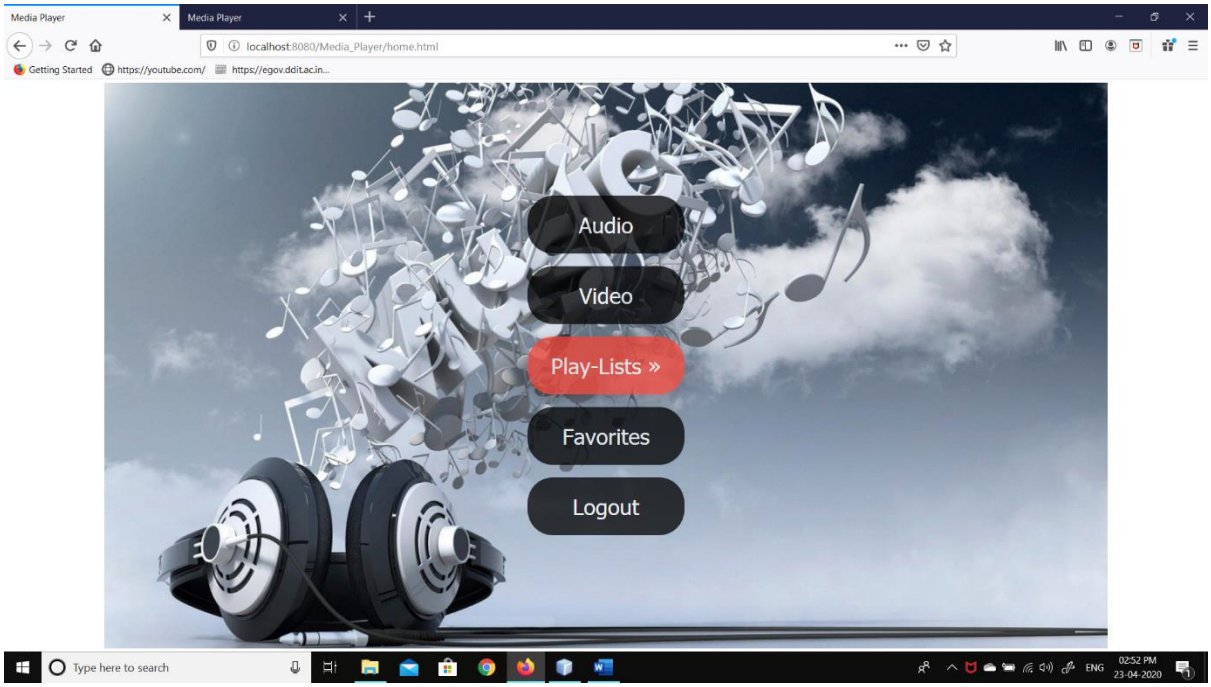
SCREENSHOTS

- **Login Page**



- **Home Page**



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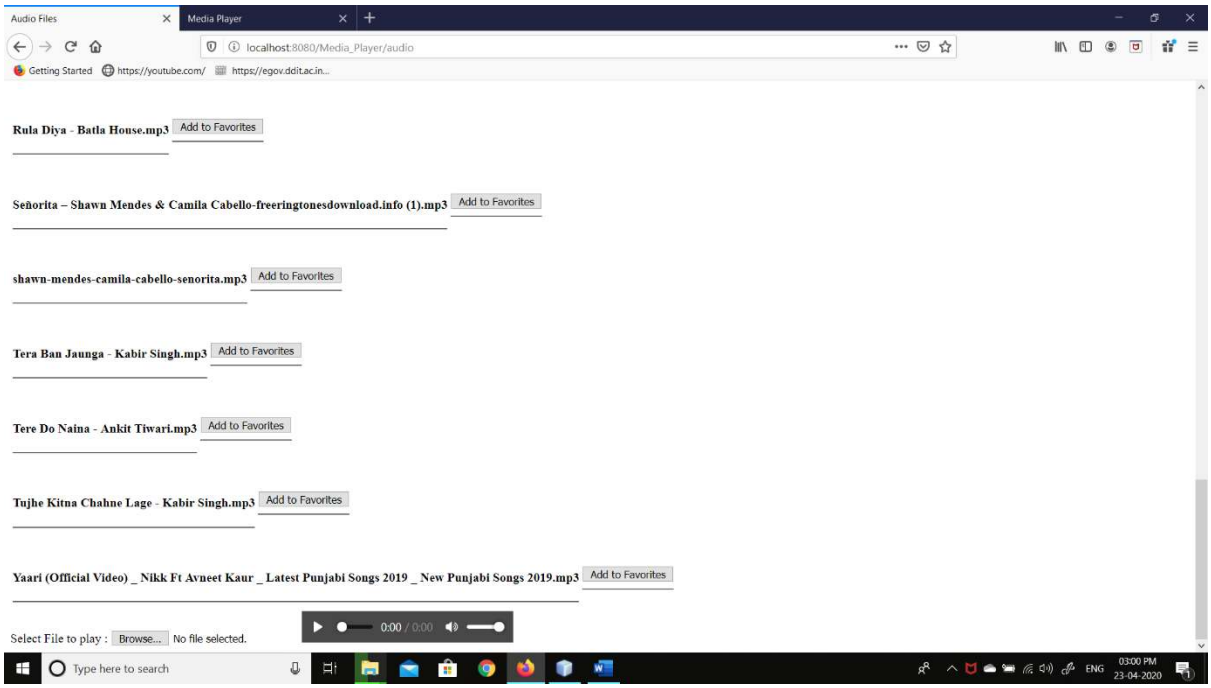
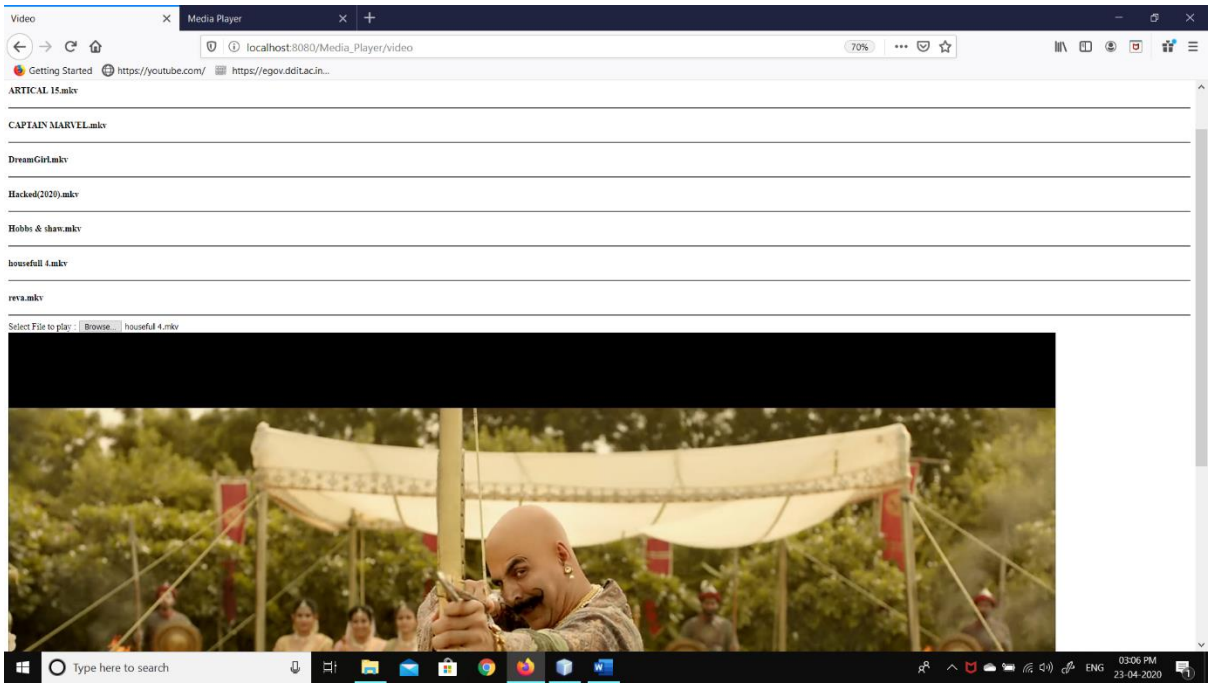
- **Audio**



- **Video**



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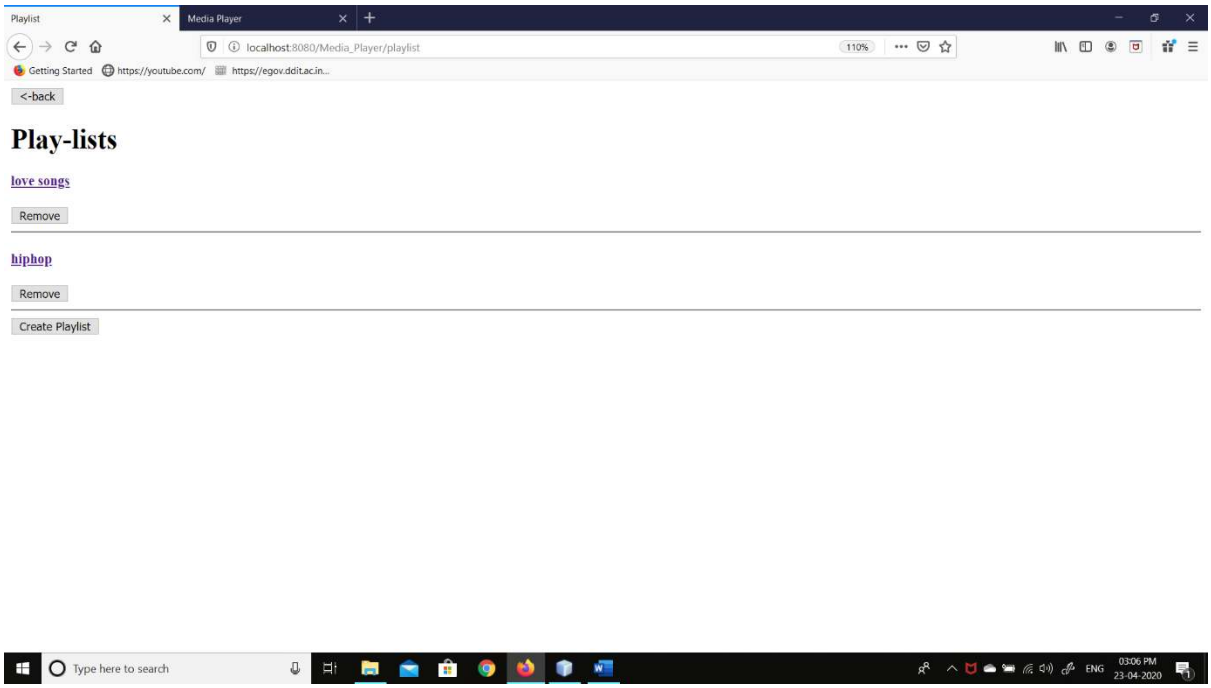
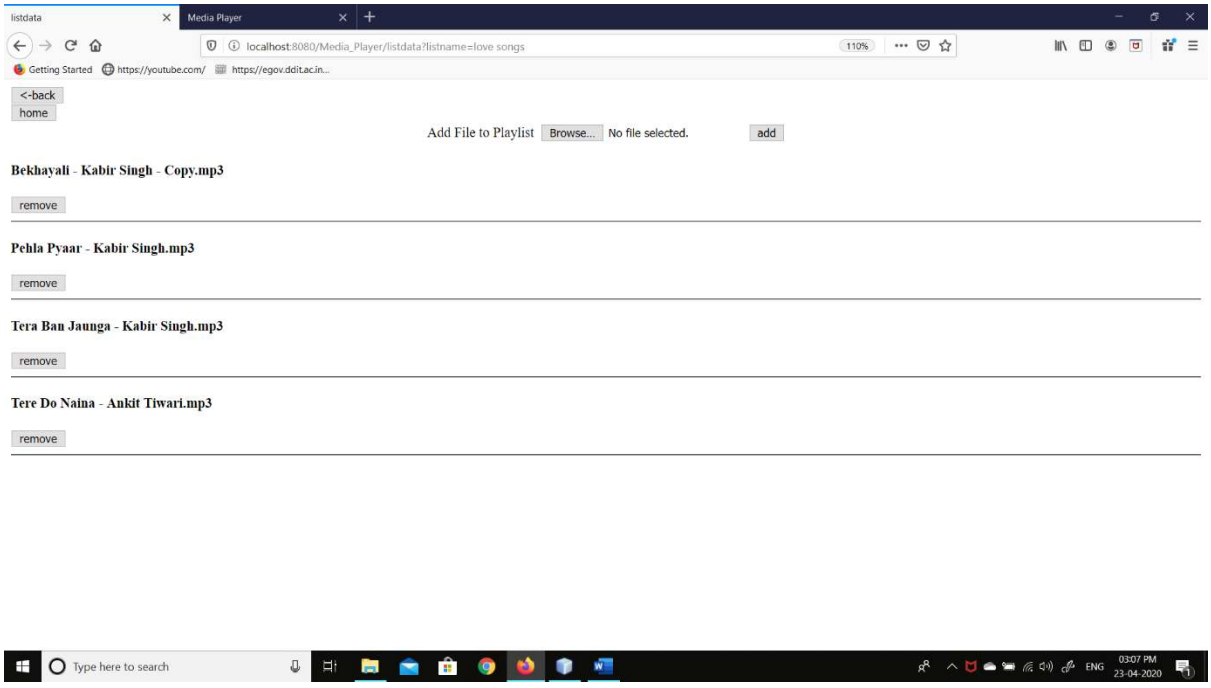
- **Playlist**





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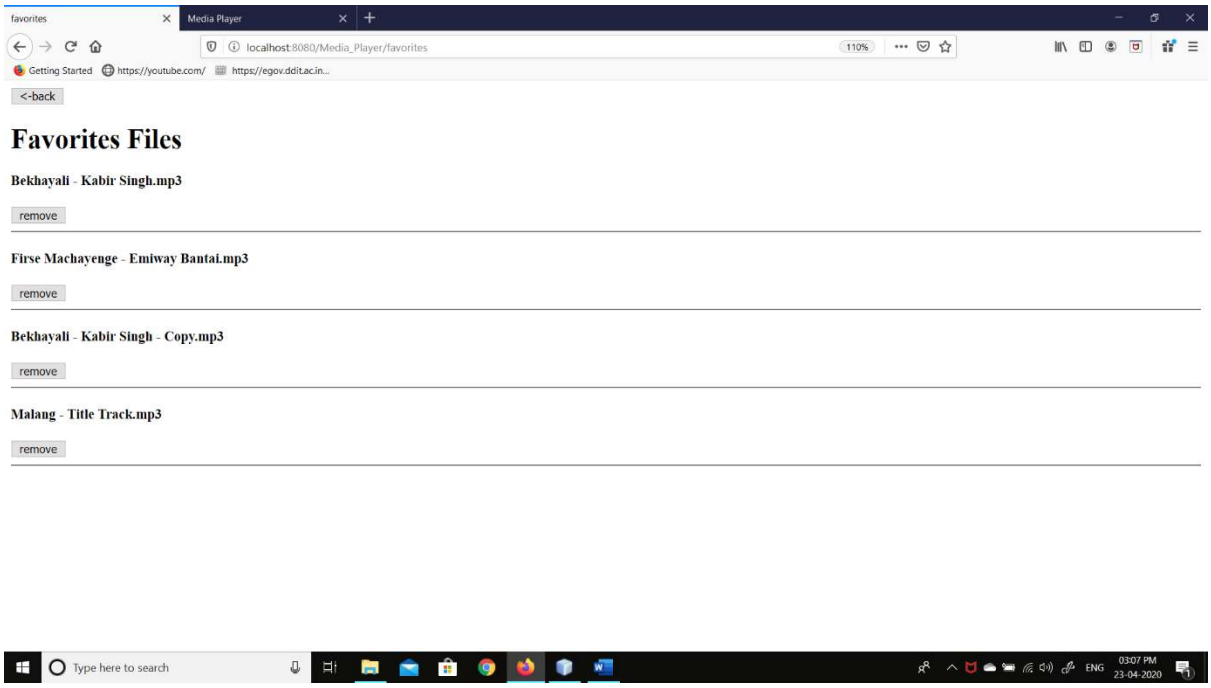
- **Favorites**



THE END

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