

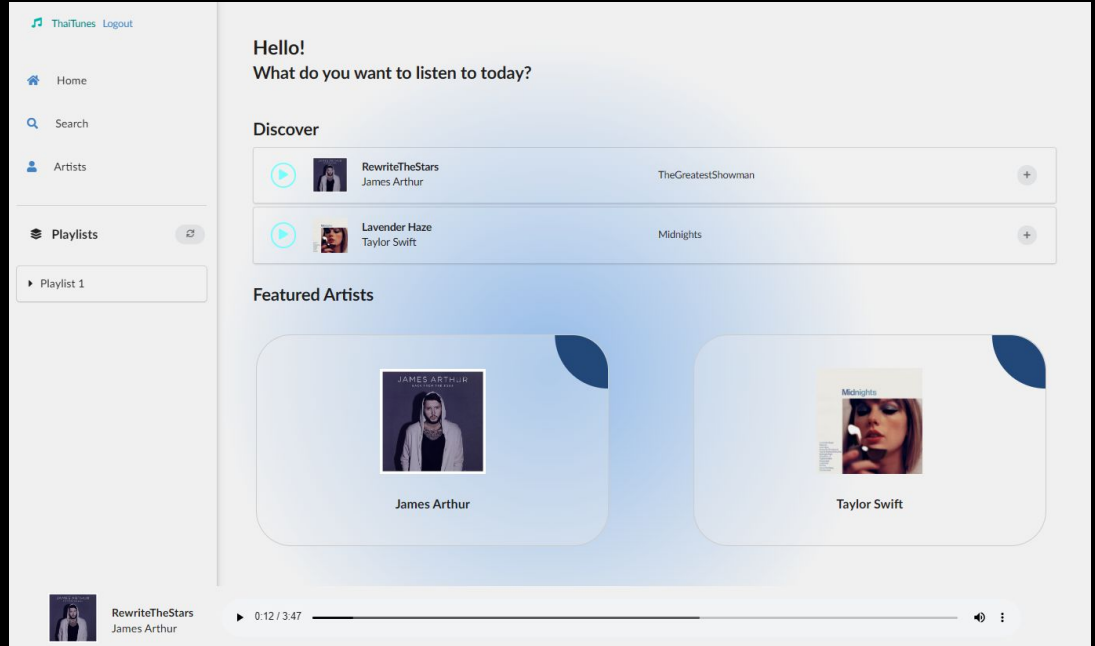
MOBILE DEVICE

THAITUNES

MOBILE
APPLICATION

THAITUNES

- Music Streaming Website
- Store Music by MongoDB
- API Call from Node.js



ThalTunes > test > songs

Documents 24 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#)

ADD DATA EXPORT DATA UPDATE DELETE 25 1 - 24 of 24

```

_id: ObjectId('667c2873810014bf5acc453e')
fileName: "file_example_MP3_5MG.mp3"
songName: "Galaxy"
artistName: "soundsample"
albumName: "kolo"
releaseDate: "20-07-21"
artWorkURL: "https://rehabconceptspt.com/wp-content/uploads/2016/06/placeholder-640-"
data: Binary.createFromBase64('SUQzAwAAAAAbVRYWfGAAAAgAAAAARW5jb2RLZCbieQBMQU1FIgluIEZMIFN0dWRpbyAyMFRYWfGAAAAbAAAA
--v: 0

```

```

_id: ObjectId('667c29a7810014bf5acc4543')
fileName: "lotus-sky-dreams-216049.mp3"
songName: "Lotus Sky Dreams"
artistName: "Top-Flow"
albumName: "Glow"
releaseDate: "01-03-2020"
artWorkURL: "https://cdn.pixabay.com/audio/2024/06/10/06-30-52-461_200x200.jpg"
data: Binary.createFromBase64('//vUZAAMxhJxqphVRfJdy4VCaw3WY3HU1DWHgAmyN5rCgKAAARGW24M7AvsT1zq+BFj0zjWa7peA3rx+oIk
--v: 0

```

```

_id: ObjectId('667c29fd810014bf5acc4545')
fileName: "better-day-186374.mp3"
songName: "Better Day"
artistName: "penguinmusic"
albumName: "penguinland"
releaseDate: "06-01-2022"

```

```

// GET TO PLAY BY songName
app.get('/play/:songName', async (req, res) => {
  const songName = req.params.songName;
  try {
    const songFile = await SongModel.findOne({ songName: songName });

    if (!songFile) {
      return res.status(404).json({ error: 'file not found' });
    }

    res.set('Content-Type', 'audio/mp3');

    res.send(songFile.data);
  } catch (err) {
    console.error(err);
    res.status(500).json({ error: 'Internal server error' });
  }
});

// GET THE INFORMATION OF THE SONG JSON DATA
app.get('/get/:name', async (req, res) => {
  const songName = req.params.name;
  console.log(songName);
  try {
    // never include data
    const song = await SongModel.findOne({ songName: songName }, '-data');

    if (!song) {
      return res.status(404).json({ error: 'File not found' });
    }

    res.json(song);
  } catch (err) {
    console.error('Error fetching song:', err);
    res.status(500).json({ error: 'Internal server error' });
  }
});

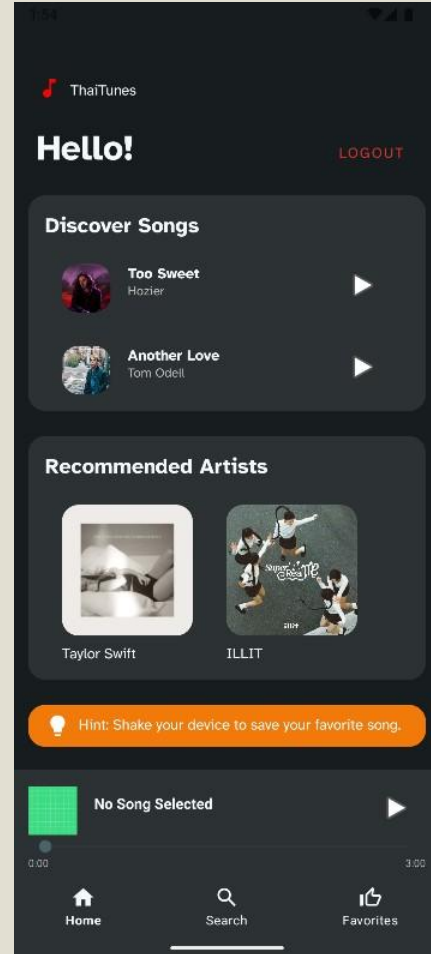
```

MAIN FEATURES

- Discover and select songs from the data
- Play or pause those songs

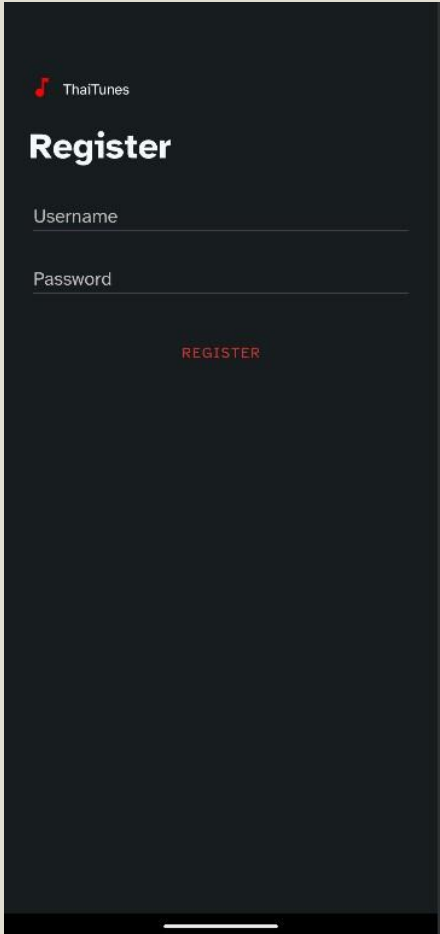
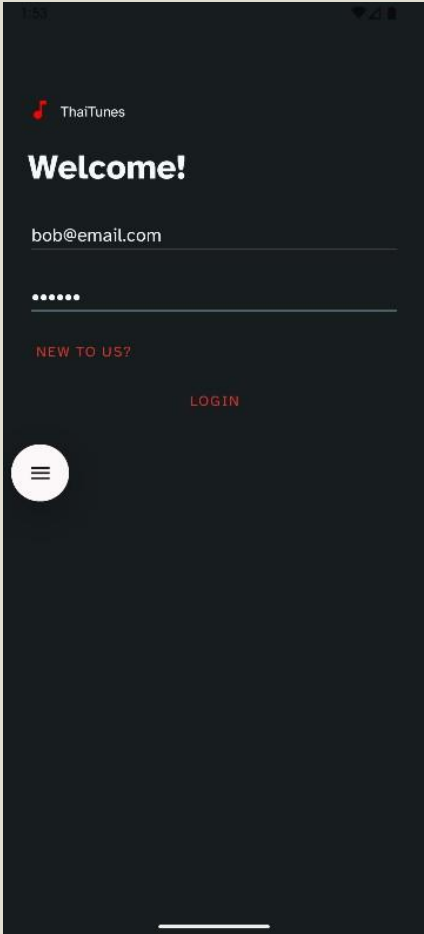
NEW FEATURES ON MOBILE

- Shake mobile device to add their favorite songs



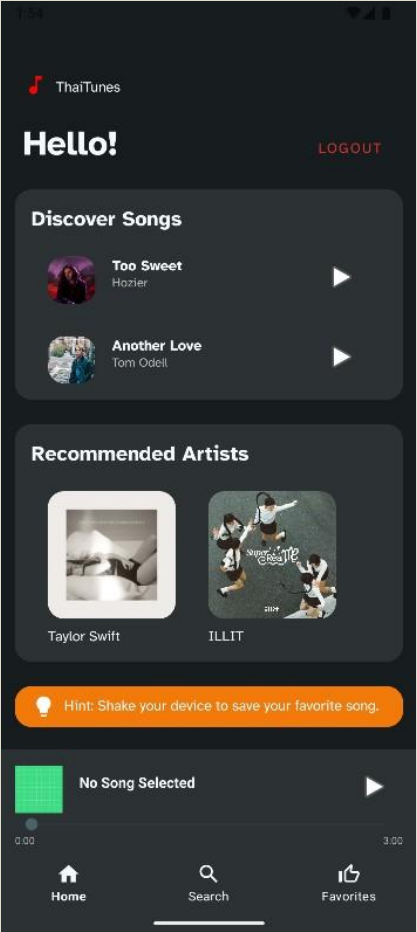
LOGIN/REGISTER PAGE

- Authentication by Firebase



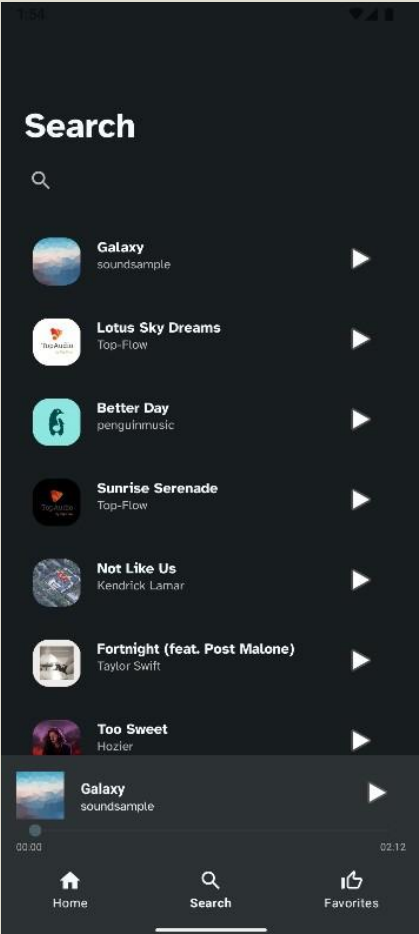
HOME PAGE

- Discover random songs
- Random Artists



SEARCH PAGE

- Display all songs
- Search by artist names or song names



FAVORITES PAGE

- Display all user's favourites songs

