

*Musico*

# PROJECT OUTLINE

Showcasing your Music Talent Made Easy  
Web App

PREPARED BY: LAKSH KALRA,  
KESHAV SHARMA

A MINI PROJECT REPORT  
On  
Musico  
In Partial Fulfillment of Requirement for the Degree  
Of  
Bachelor of Technology  
In  
**COMPUTER SCIENCE**  
Submitted by  
Laksh Kalra  
Keshav Sharma  
Under the Supervision of  
Mrs. Krista Chaudhary  
Assistant Prof., CS Dept.



**KRISHNA ENGINEERING COLLEGE  
GHAZIABAD**



**DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW**  
2020-2021

## **DECLARATION**

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the university or other institute of higher learning except where due acknowledgment has been made in the text.

## CERTIFICATE

Certified that **Laksh Kalra and Keshav Sharma** has carried out the project work presented in this report entitled "**Musico Social Media for all the musicians**" for the award of Bachelor of Technology from Dr. A.P.J. Abdul Kalam Technical University, Lucknow under my supervision. The report embodies the result of original work, and studies, as are carried out by the student themselves, and the contents of the report, do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other university/institution.

Supervisor Name:

Mrs. Krista Chaudhary  
(Asst. Prof. C.S.)

Dr. Pramod Kumar  
(H.O.D C.S.)

## **ABSTRACT**

- Social media application for all the music enthusiasts, you can collab with nearby musicians, create your own band and perform your concert live on the app.
- The audience (other users) can join the concert, enjoy live concerts, and can even hire musicians.

## **ACKNOWLEDGEMENT**

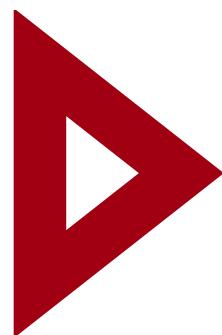
I would like to express my sincere gratitude to my project guide “Mrs. Krista Chaudhary” for giving me the opportunity to work on this topic. It would never be possible for us to take this project to this level without her innovative ideas and her relentless support and encouragement.

I have to appreciate the guidance given by other supervisors as well as the panels especially in our project presentation that has improved our presentation skills, thanks to their comments and advice. A special thanks to all our teammates and last but not least our parents for their encouragement and every possible support.

Name:

Laksh Kalra  
(Signature)

Keshav Sharma  
(Signature)



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## INTRODUCTION

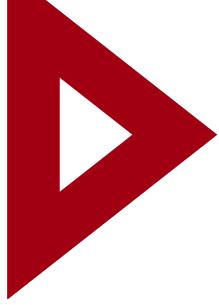
### ABOUT THE APP

The “Musico Social Media for all the musicians” is basically a web application that helps musicians to stay connected with other musicians nearby them and schedule online/offline concerts together.

Other people can hire musicians by this platform as all musicians are logged in to the app with a proper profile.

### OBJECTIVES AND PURPOSE OF THE APP

- The main purpose of our app is to create a small community for musicians so that they can collaborate with other musicians.
- Beginner Musicians can showcase their talent and can be hired by other people.
- Professional musicians can plan concerts.
- As everyone is working from the home cause of the pandemic then why not musicians. They can plan live concerts online for their fans.



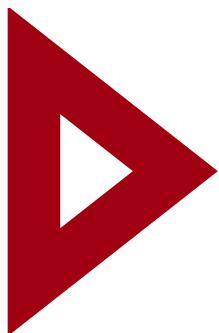
## TECHNOLOGY USED

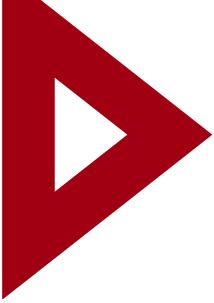
### **FRONTEND :**

- HTML
- CSS
- JAVASCRIPT
- REACT JS

### **BACKEND :**

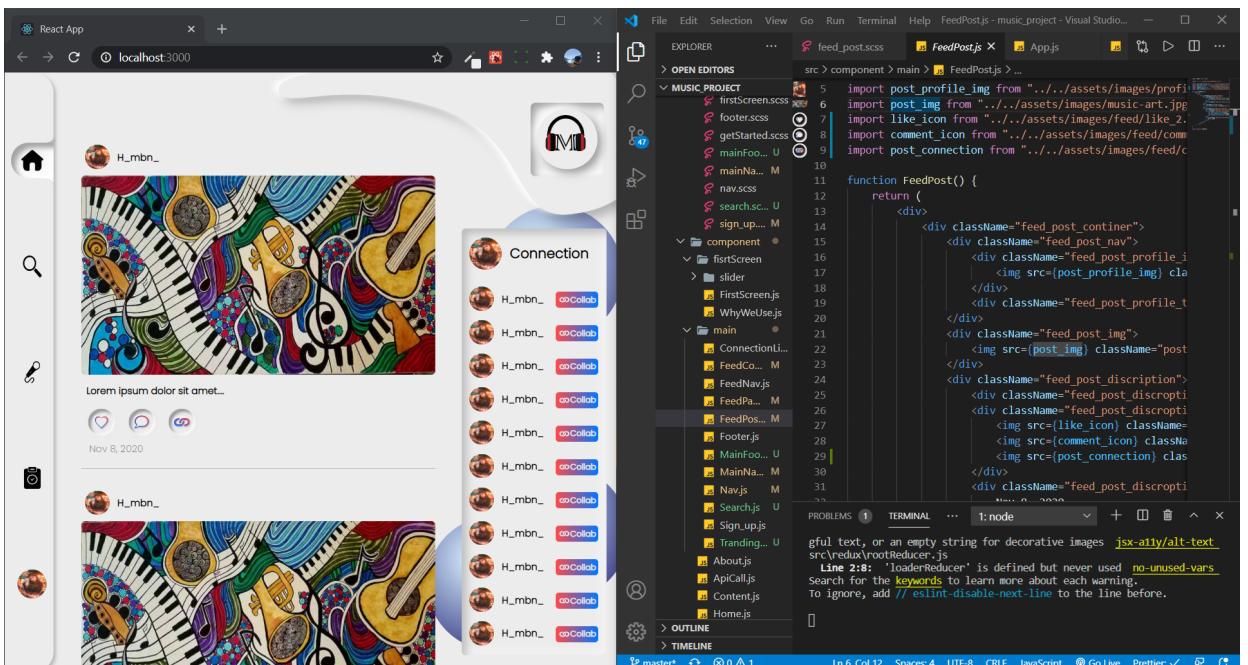
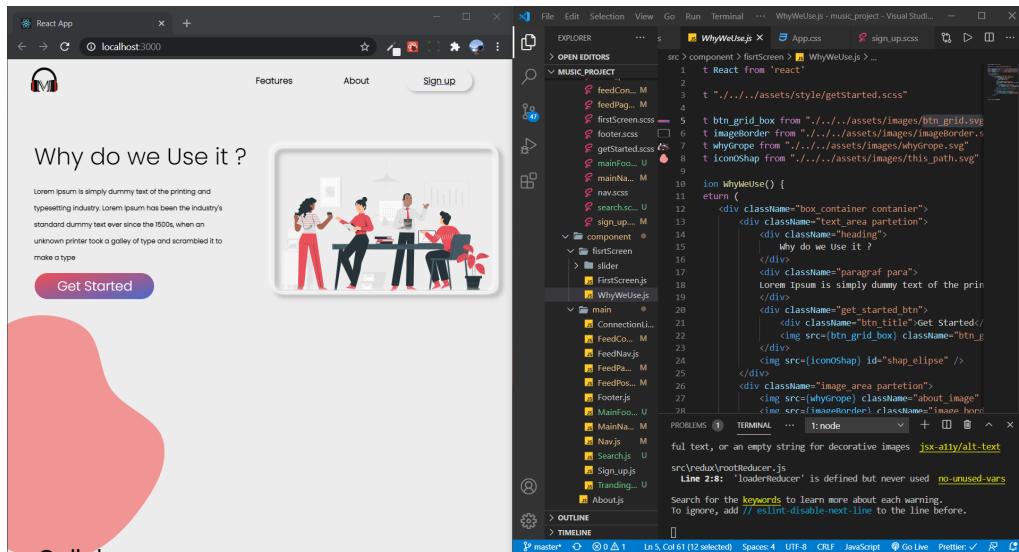
- MONGO DB
- EXPRESS JS
- NODE JS





# CODE

# FRONTEND CODE:



File Edit Selection View Go Run Terminal Help

OPEN EDITORS

MUSIC\_PROJECT

- feed\_post.scss
- App.js
- FeedPost.js
- App.css
- sign\_up.scss
- MainFooter.js
- FirstScreen.js

```

src > component > main > FeedPost.js > ...
12  turn (
13    <div>
14      <div className="feed_post_continer">
15        <div className="feed_post_nav">
16          <div className="feed_post_profile_img">
17            |   <img src=(post_profile_img) className="post_prof1"
18          </div>
19          <div className="feed_post_profile_title ">H_mbn_</div>
20        </div>
21        <div className="feed_post_img">
22          |   <img src=(post_img) className="post_img"/>
23        </div>
24        <div className="feed_post_desription">
25          <div className="feed_post_desription_title">Lorem ip
26          <div className="feed_post_desription_icon">
27            |   <img src=(like_icon) className="like_icon feed_ic
28            |   <img src=(comment_icon) className="comment_icon f
29            |   <img src=(post_connection) className="post_connec
30          </div>
31          <div className="feed_post_desription_date">
32            Nov 8, 2020
33          </div>
34        </div>
35      </div>
36    </div>
37  </div>
38

```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL

full text, or an empty string for decorative images [jsx-111y/alt-text](#)

src/redux/rootReducer.js  
Line 2:8: 'loaderReducer' is defined but never used [no-unused-vars](#)

Search for the [keywords](#) to learn more about each warning.  
To ignore, add `// eslint-disable-next-line` to the line before.

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF JavaScript ⚡ Go Live Prettier: ✓ ⚡ ⚡

File Edit Selection View Go Run Terminal Help

OPEN EDITORS

MUSIC\_PROJECT

- feed\_post.scss
- App.js
- FeedPost.js
- App.css
- sign\_up.scss
- Nav.js
- feedConnection.scss
- feedPage.scss

```

src > component > main > FeedPost.js > ...
1  import React from 'react'
2
3  import "../../../../assets/style/feed_post.scss";
4
5  import post_profile_img from "../../../../assets/images/profile_img.jpg"
6  import post_img from "../../../../assets/images/music-art.jpg"
7  import like_icon from "../../../../assets/images/feed/like_2.svg"
8  import comment_icon from "../../../../assets/images/feed/comment_2.svg"
9  import post_connection from "../../../../assets/images/feed/connect_2.svg"
10
11  function FeedPost() {
12    return (
13      <div>
14        <div className="feed_post_continer">
15          <div className="feed_post_nav">
16            <div className="feed_post_profile_img">
17              |   <img src=(post_profile_img) className="post_profile_img"/>
18            </div>
19            <div className="feed_post_profile_title ">H_mbn_</div>
20          </div>
21          <div className="feed_post_img">
22            |   <img src=(post_img) className="post_img"/>
23          </div>
24          <div className="feed_post_desription">
25            <div className="feed_post_desription_title">Lorem ipsum dolor sit amet....</div>
26            <div className="feed_post_desription_icon">
27              |   <img src=(like_icon) className="like_icon feed_icon"/>
28              |   <img src=(comment_icon) className="comment_icon feed_icon"/>
29          </div>
30        </div>
31      </div>
32    </div>
33  </div>
34

```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL

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Search for the [keywords](#) to learn more about each warning.  
To ignore, add `// eslint-disable-next-line` to the line before.

Ln 6, Col 12 Spaces: 4 UTF-8 CRLF JavaScript ⚡ Go Live Prettier: ✓ ⚡ ⚡

# BACKEND CODE:

Sat Jan 16 12:15:55 PM userjs-musico - Visual Studio Code

```

    router.post('/register', async (req, res) => {
      const { username, password } = req.body;
      try {
        let user = await User.findOne({ username });
        if (user) {
          return res.status(400).json({ msg: "invalid credentials" });
        }
        const ispass = await bcrypt.compare(password, user.password);
        if (!ispass) {
          return res.status(400).json({ msg: "invalid credentials" });
        }
        const payload = {
          user,
          id: user.id
        };
        jwt.sign(payload, config.get("JWTToken"), {
          expiresIn: "1000000000",
          err, token => {
            if (!err) {
              return res.status(200).json({ token });
            }
          }
        })
      } catch (error) {
        res.status(500).json({ msg: "server error" });
      }
    });
  });

  module.exports = router;
}

```

Sat Jan 16 12:13:51 PM userjs-musico - Visual Studio Code

```

    router.post('/login', async (req, res) => {
      const user = await User.findOne({ username });
      const { name, email, password } = req.body;
      let user = await User.findById(user._id);
      const salt = await bcrypt.genSalt(10);
      user.password = await bcrypt.hash(password, salt);
      await user.save();
      // JWT
      const payload = {
        user,
        id: user.id
      };
      jwt.sign(payload, config.get("JWTToken"), {
        expiresIn: "3000000000",
        err, token => {
          if (!err) {
            return res.status(200).json({ token });
          }
        }
      })
    });
  });

  module.exports = router;
}

```

Sat Jan 16 12:12:20 PM userjs-musico - Visual Studio Code

```

    config > db.js ... > .gitignore > index.js > userjs modules ... > db.js >

    const mongoose = require('mongoose');
    const config = require('./config')
    const DB_URL = config.get('mongoURI');

    const connectDB = async () => {
      try {
        await mongoose.connect(DB_URL, {
          useNewUrlParser: true,
          useUnifiedTopology: true,
          useCreateIndex: false,
          useFindAndModify: false
        });
        console.log('connect to DB....')
      } catch (err) {
        console.log(err)
        process.exit(1)
      }
    }

    module.exports = connectDB
}

```

A screenshot of the Visual Studio Code interface. The left sidebar shows a file tree with files like `index.js`, `models/Artist.js`, `models/User.js`, `routes/Artist.js`, and `routes/User.js`. The main editor area displays the `User.js` file content:

```
const mongoose = require('mongoose');
const Schema = mongoose.Schema;

const UserSchema = new mongoose.Schema({
  name: {
    type: String,
    required: 1
  },
  email: {
    type: String,
    required: 1
  },
  username: {
    type: String,
    required: 1
  },
  password: {
    type: String,
    required: 1
  },
  date: {
    type: Date,
    default: Date.now
  }
});

module.exports = User = mongoose.model("user", UserSchema)
```

The status bar at the bottom shows the command `Lakshpop-os : ./media/Laksh/82ce5eff1-2a07-4a69-a145-07def66db209/projects/musico$`.

The screenshot shows a Visual Studio Code interface with the following details:

- Activity Bar:** Activities → Visual Studio Code
- Header:** Sat Jan 16 12:12:30 PM UTC
- File Explorer:** Shows the project structure:
  - EXPLORER
  - OPEN EDITORS
  - MUSICO
    - routes
    - models
    - db.js
    - default.json
  - frontend
  - middleware
    - validation.js (selected)
    - models
    - Artist
    - profile.js
    - user.js
  - routes / Artist
  - modules
  - user.js
  - .gitignore
  - index.js
  - package-lock.json
  - package.json
- Code Editor:** validation.js (language: JSON)

```
1 const jwt = require('jsonwebtoken')
2 const config = require('config')
3
4 module.exports = (req, res, next) => {
5   const token = req.header('auth-token')
6
7   if (!token) {
8     return res.status(401).json({ msg: "no token, authorisation denied" })
9   }
10
11   try {
12     const decoded = jwt.verify(token, config.get("JWTtoken"))
13     req.user = decoded.user;
14     next();
15   } catch (error) {
16     res.status(401).json({ msg: "invalid token" })
17   }
18 }
```
- Terminal:** bash
- Bottom Status Bar:** There is an available update.

# UI SNAPSHOTS



Features    About    Sign up

## Why do we Use it ?

A social media platform for music enthusiast, you can search musicians near you, collab with them, can create your band and perform live concerts. you can also hire a band for your local concert.

[Get Started](#)



## Let's Collab



[Log in](#)

deevagupta@gmail.com



[Log in](#)

[Forgot password ?](#)

Don't have an account? [Sign up](#)



Deeva\_



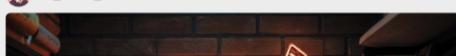
Lorem ipsum dolor sit amet.....



Nov 8, 2020



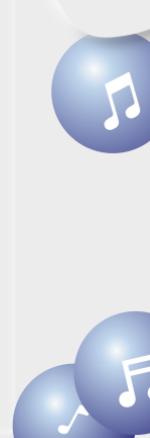
H\_mbn\_

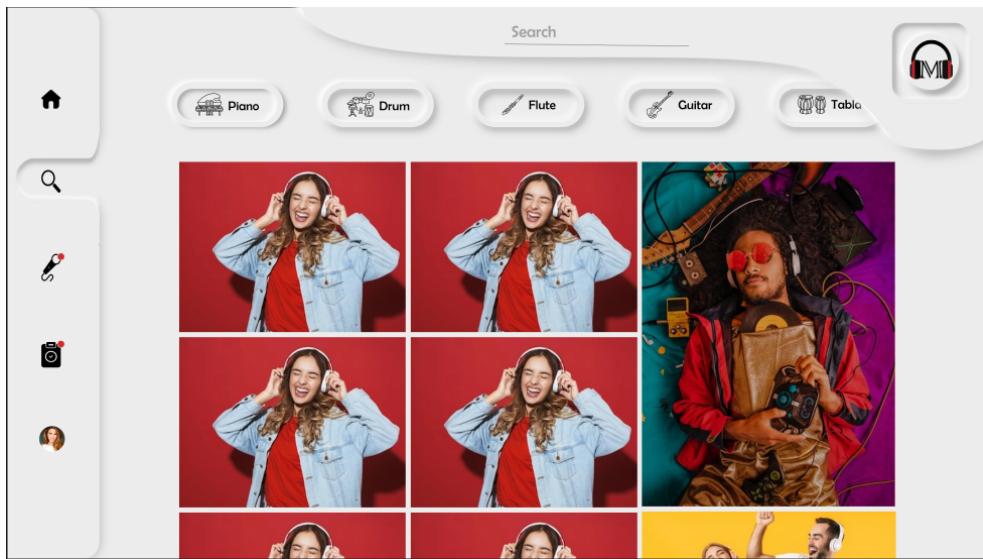


Connections

 Search

	hgi_jkb	
	hgi_jkb	
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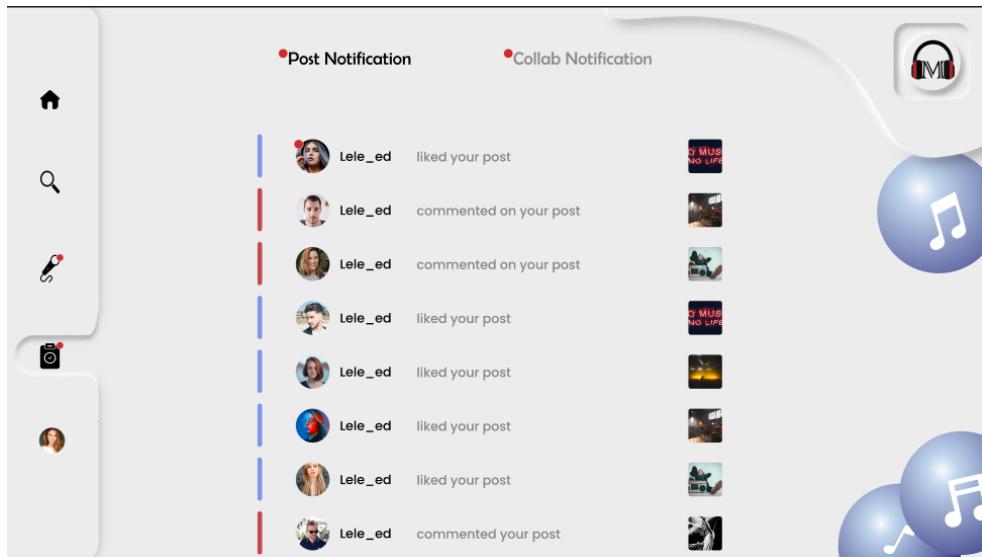
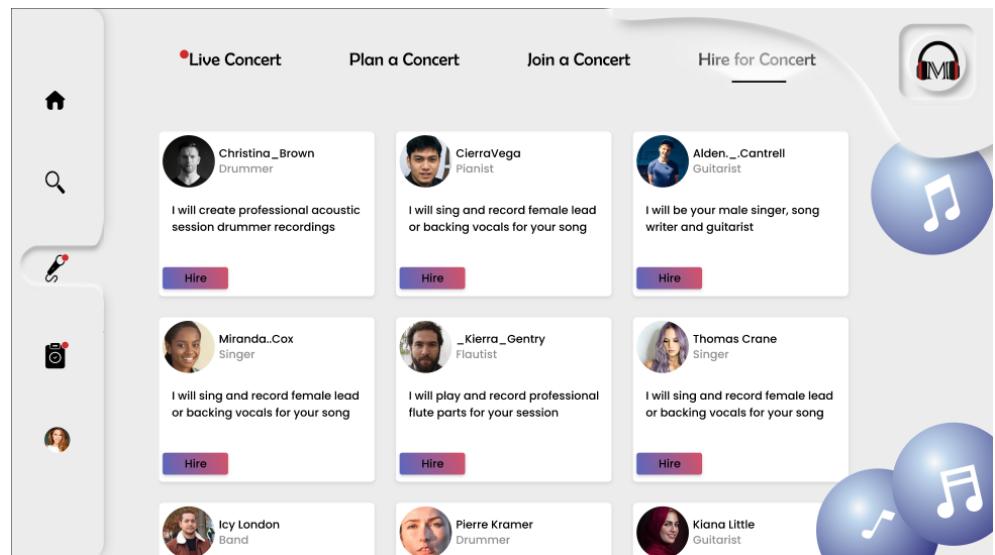
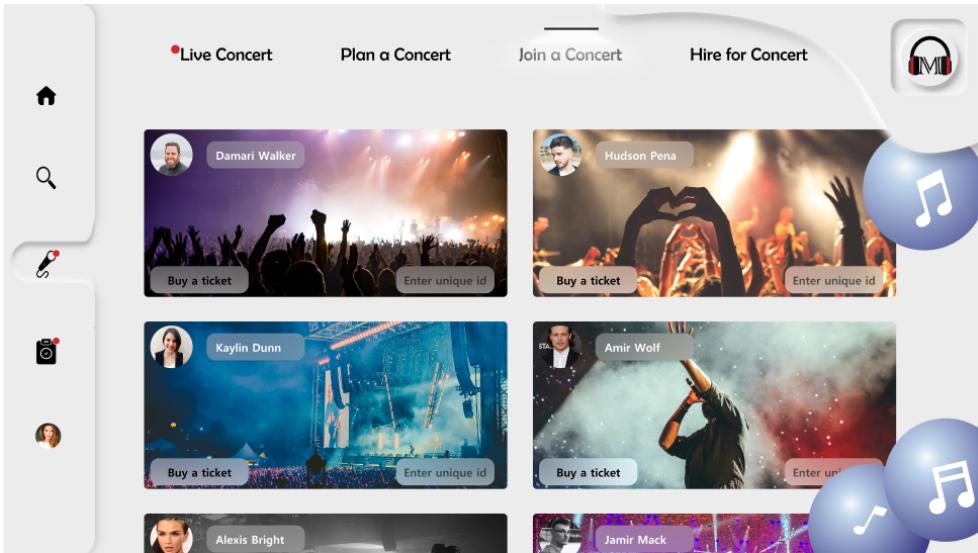
Live Concert   Plan a Concert   Join a Concert   Hire for Concert

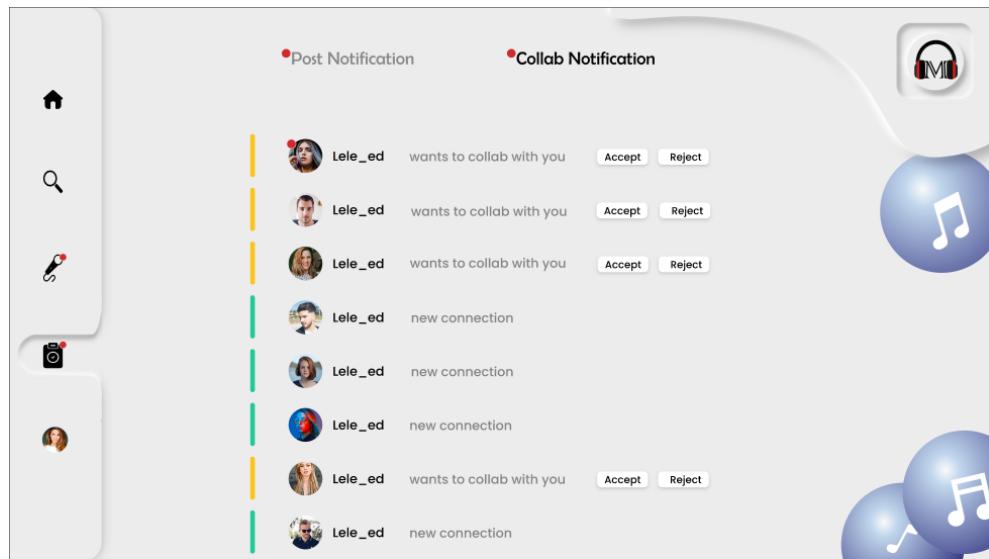
Live Concert   Plan a Concert   Join a Concert   Hire for Concert

Band Name   Date ▾   Time ▾   Members ▾

Name of Members :

Generate the UniqueID





This profile page for 'Jill Smith' shows her bio as a 'Drummer'. Key statistics are displayed: 550 Posts and 5k Connections. A prominent 'New Post' button is located at the top right. Below the stats, an 'Edit Profile' button is visible. The main content area is titled 'Posts' and features three thumbnail images: a neon sign that reads 'NO MUSIC NO LIFE', two people playing instruments outdoors, and a drummer performing on stage with a microphone setup.

The post creation interface for Jill Smith includes a left sidebar with her profile picture, name ('Jill Smith Drummer'), and settings for 'Posts' (Show all or Show Connections only) and 'Comment Section'. The main area is titled 'Post' and contains a dashed box for 'Drag and Drop here' or 'Upload local file', along with sharing options (Facebook, Twitter, etc.). A 'Description:' input field is present at the bottom, along with 'Preview' and 'Post' buttons.

## FUTURE SCOPE

- In the future, we will add a “video call” feature to our app. By which musicians can collab easily(face-to-face) with other musicians from anywhere, which is very convenient for the performers.

## CONCLUSION

**Musico** is basically a web application that helps musicians to stay connected with other musicians nearby them and schedule online/offline concerts together.

Other people can hire musicians by this platform as all musicians are logged in to the app with a proper profile.

## REFERENCES

- <https://www.kompoz.com/music/>
- <https://www.procollabs.com/>
- <https://www.bandhub.com/>
- <https://www.musicianwave.com/10-great-music-collaboration-websites-and-apps/>