Brass Band Rehearsal Application

(Gabriel Florea, August 2020)

This application is created to be used by brass bands in managing specific activities.

Application is created using Android Studio and Firebase.

Among the functionalities of this application, there are:

1. Login/Create account
2. Important notes
3. Attendance
4. Money management
5. Sheet music
6. Songs to listen
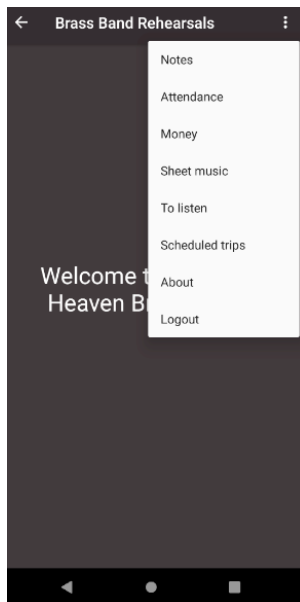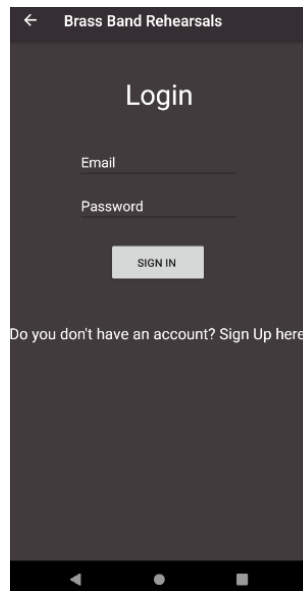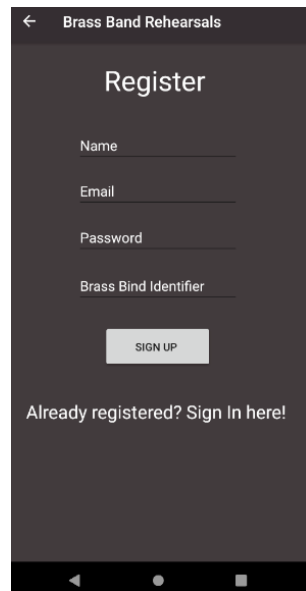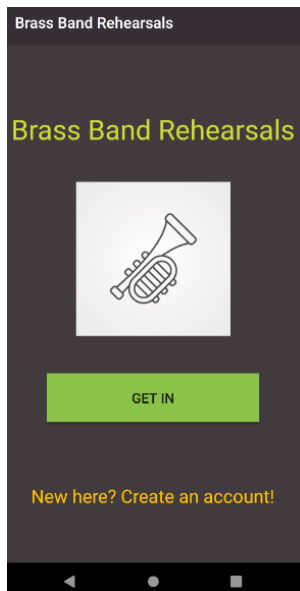7. Scheduled trips

1. Each user has some specific data:
   - Name
   - Email
   - Password
   - Type of user
   - Brass band identifier

   Login is based on email and password.

2. Important notes section is a shared place where each member of the brass band can write something important for everyone.
3. In attendance section, each member can mark his attendance (being honest), and also everyone can see the attendance table. This function allows the brass band conductor to monitor each member attendance.
4. Money management functionality allows to see the brass band available money, to register money input/output and to see most recent few money journal entries.
5. In this section anyone can upload a new sheet music (in pdf format) or download an available one.
6. Sometimes, in order to learn well how to play a specific song, the musicians have to hear it several times. In this section, anyone can upload a song (in mp3 format) or listen one of the available ones.
7. This section is used to detailed some scheduled trips or other entertainment activities.

Screenshots of the application:

Possible future improvements:

1. Create different types of users (admin, regular). Admins are able to give to other regular users admin rights.
2. Implement notifications for important notes.
3. Implement a chat.