Actors

1. **Students: Have the privilege to:**
   - Browse Courses: Ability to explore available courses categorized by subject or interest.
   - Select Tutors: Choose tutors based on personal preferences and needs.
   - Access Tutor Profiles: View detailed profiles of tutors, including their summaries, reviews, ratings, and teaching experience.
   - Review and Rating: Provide feedback through ratings and reviews after tutoring sessions.
   - Interact with Teachers: Functionality to communicate with teachers for clarification, guidance, and feedback.
   - Secure Login: Log in securely to access the platform
   - Create Profile: Students can create their own profile.
   - Schedule: See their schedule.
   - Choosing meeting times: Selecting time from teacher's schedule.
   - Payment: Students can pay for the sessions.
   - Cancellation: Students can cancel sessions 24 hours before the meeting to get a full refund.
   - Report: Students can report teachers by going to their profiles.

2. **Teachers: Have the privileges to:**
   - Create Profile: Set up individual profiles with detailed information, including expertise, teaching experience, and availability.
   - Manage Profile: Update profile information, availability, and course offerings.
   - Communicate with Students: Interact with students to understand their learning needs and provide guidance.

- Teach Sessions: Conduct tutoring sessions either online or face-to-face as per student preferences.
- Receive Payments: Receive payments for tutoring services rendered through the platform 24 hours after the session..
- Review and Ratings: View reviews and ratings provided by students.
- Secure Login: Log in securely to access the platform and manage tutoring activities.
- Schedule: See their schedule, open time slots for students to pick.
- Set Class Fee: Teachers can propose the fee they want to charge per class when creating their profile or when adding a new course.
- Fee Adjustment: It's a free market and the teachers can set their own prices, but prices for time slots already bought can not be changed or modified.
- Report problems: They can report any problems to the admins. (e.g. dealing with review bombing)

3. **Admins: Have the privileges to:**
   - User Management: Manage user accounts and profiles.
   - Content Moderation: Monitor and moderate user-generated content, including reviews and ratings.
   - Customer Support: Provide assistance to users for any technical or operational issues.
   - Transaction Oversight: Monitor transactions between students and teachers and ensure compliance with platform policies.
   - Security and Privacy: Ensure the platform's security and privacy measures are up-to-date and effective.
   - Communicate with Teachers: Admins can communicate with teachers regarding reports and any issues they might come across..

App name ideas:
Enki(current), (add name here)

Panthera: Inspired by the family of big cats, suggesting strength and agility.

Penguin: Reflecting a sense of community and learning in a group.
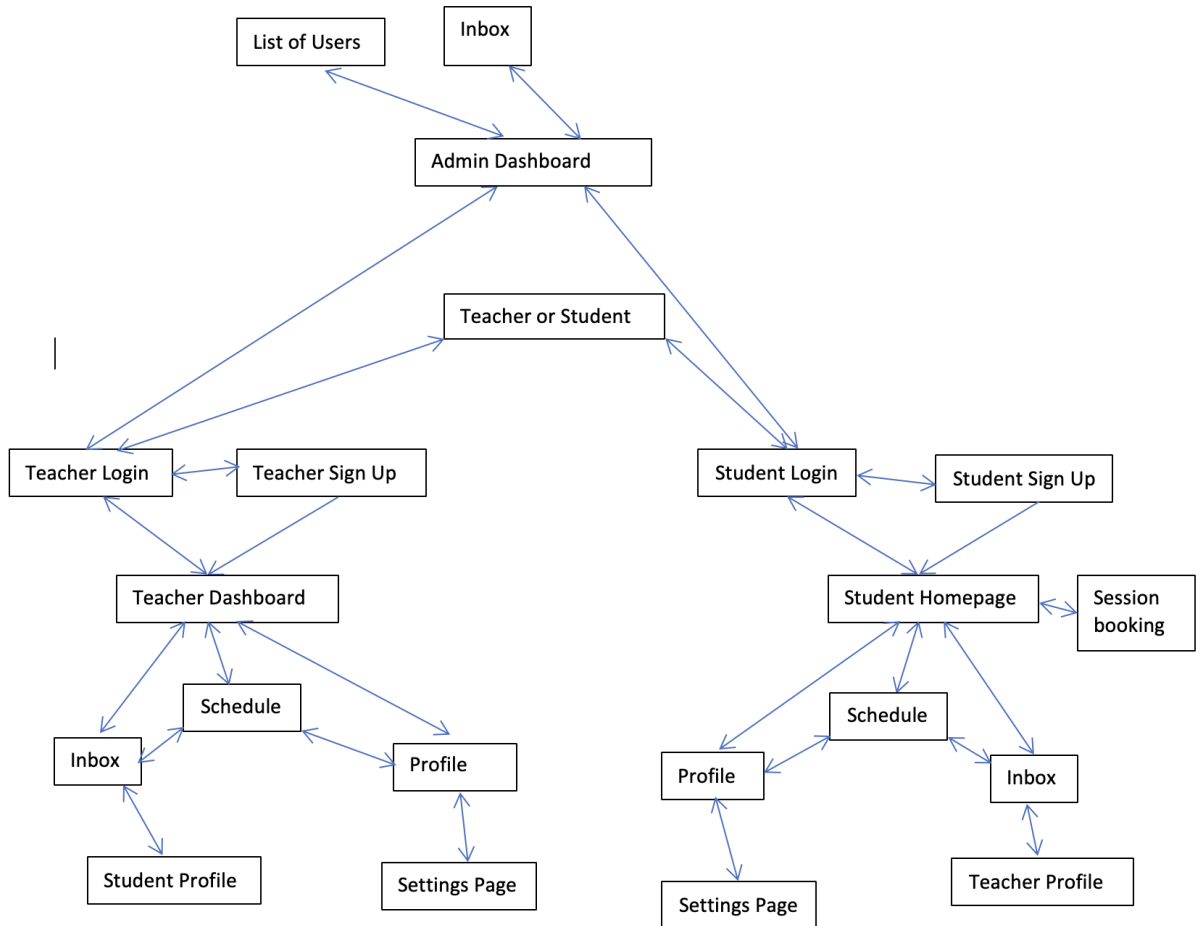
Non-Functional Requirements

- Two students cannot book the same time slot.
- The option to leave a review or rating only opens up after attending atleast one session with the tutor.
- Students can only leave one review and/or rating per teacher, however they can always come back and change their review.
- Reports are open for 7 days. Admins will look into the reports during this time. You cannot submit another report while you have a pending report for the same issue with the same teacher.
- The Admins can go in and manually remove reviews or ban tutors or students from the platform.
- The page should be responsive and run smoothly.

List Tables and Fields

- Users Table, Fields:
  - UserID (PK),
  - Email,
  - PasswordHash,
  - FullName,
  - Role (ENUM: Student, Teacher, Admin),
  - Biography,
  - ProfilePicURL,
  - PhoneNumber (INT)
- Subjects Table, Fields:
  - SubjectID (PK),
  - Name,
  - Description.
- Sessions Table, Fields:
  - SessionID (PK),
  - SubjectID (FK),
  - TeacherID (FK to Users),
  - StudentID (FK to Users),
  - ScheduledTime,
  - Refund (BOOL)
  - Availability (BOOL)
  - Status (ENUM)
  - Price
- Reviews Table, Fields:
  - ReviewID (PK),
  - TeacherID (FK to Users),
  - Rating,
  - TextFeedback,
  - StudentID (FK to Users),
  - SessionID
- Payments Table, Fields:
  - PaymentID (PK),
  - TeacherID (FK to Users),
  - StudentID
  - Amount,
  - PaymentDate,
  - PaymentStatus (ENUM: Pending, Completed, Failed).
- Revenue:
  - TeacherID,
  - Revenue
- Admin Actions Table, Fields:
  - ActionID (PK),

- AdminID (FK to Users),
- ActionType (ENUM: UserManagement, ContentModeration),
- UserID (FK to Users),
- ActionDetails,
- ActionDate.

Screen Flow Diagram

```
          List of Users        Inbox

                   Admin Dashboard

                 Teacher or Student

   Teacher Login    Teacher Sign Up          Student Login    Student Sign Up

          Teacher Dashboard                      Student Homepage    Session booking

              Schedule                              Schedule

   Inbox              Profile            Profile              Inbox

   Student Profile    Settings Page      Settings Page        Teacher Profile
```

Welcome

Please select to proceed...

1 **Students**

2 **Teachers**

"Welcome to our app!"

This is the first screen that warmly greets the user and prompts them to choose between "Teacher" or "Student".

1-   Choosing the "Students" options leads you to the Student Login and Signup screen.

2-   Choosing the "Teachers" options leads you to the Teachers Login and Signup screen.

Sign In

Email...

Password...

Forgot your password? | 1

Don't have an account? **Sign up.** | 2

Sign In | 3

"Sign in"

This is the sign in screen where you enter your account credentials to log into your account. Depending on the account type, you will be taken to one of the dashboard screens. (teacher, student)

If you do not already have an account, you can choose to Sign up.

1- If you forget your password, you can reset it from here

2- Make a new account.

3- Press this button to sign in.

Sign Up

Let's get you started...

Name...

Lastname...

Email...

Password...

Phone number...

Already have an account? **Sign in.** 1

Sign Up 2

"Sign Up"

This is the sign up screen where depending on what you choose between Student or Teacher, you provide your information and you make your own account.

If you already have an account, you can press the Sign in option and you will be led to the sign in screen.

1- If you already have an account, this page takes you to the sign in screen.

2- Press this button to sign up

Dashboard

Upcoming Sessions

| Guitar Session | 1 | Wed, Feb 2 | ⋮ |

10:30 AM — Haad Ahmed Cheema

| Guitar Session | | Wed, Feb 2 | ⋮ |

10:30 AM — Haad Ahmed Cheema

Reviews　　　　　*See more...*

| Haad Ahmed Cheema | 2 | 4.9 ⭐ |

Feb 2, 2024 — Lorem ipsum dolor sit consectetur. Fringilla ac posuere ornare velit aliquet vitae suspendisse...

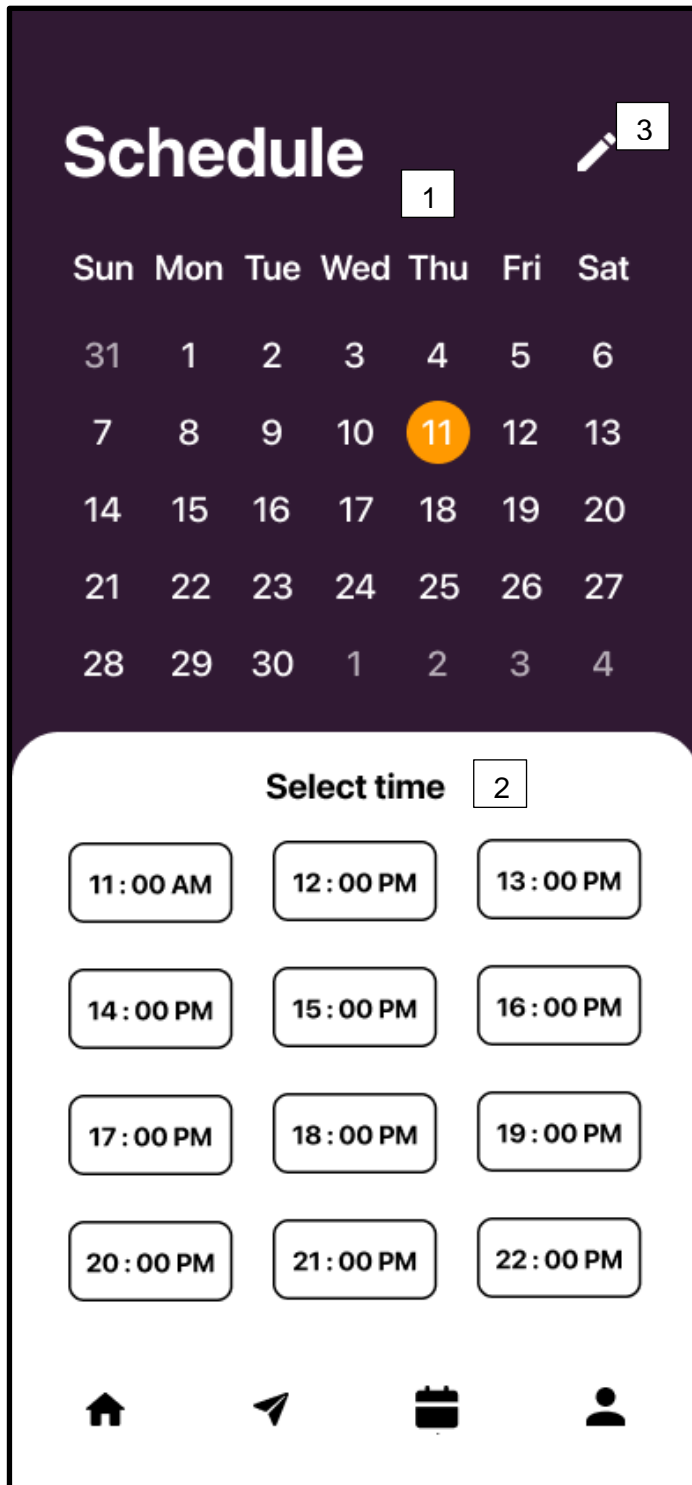| Haad Ahmed Cheema | 4.9 ⭐ |

Lorem ipsum dolor sit consectetur.

"Dashboard"

This is the teacher's dashboard, where the teachers can see their upcoming sessions, as well as all the details about the sessions such as the session time and what student they're having sessions with.

The teachers can also check all the reviews left by students.

1-   Press this button to view more information about the upcoming session.

2-   Press this button to view more information about the review left by the student.

Schedule

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4

Select time 2

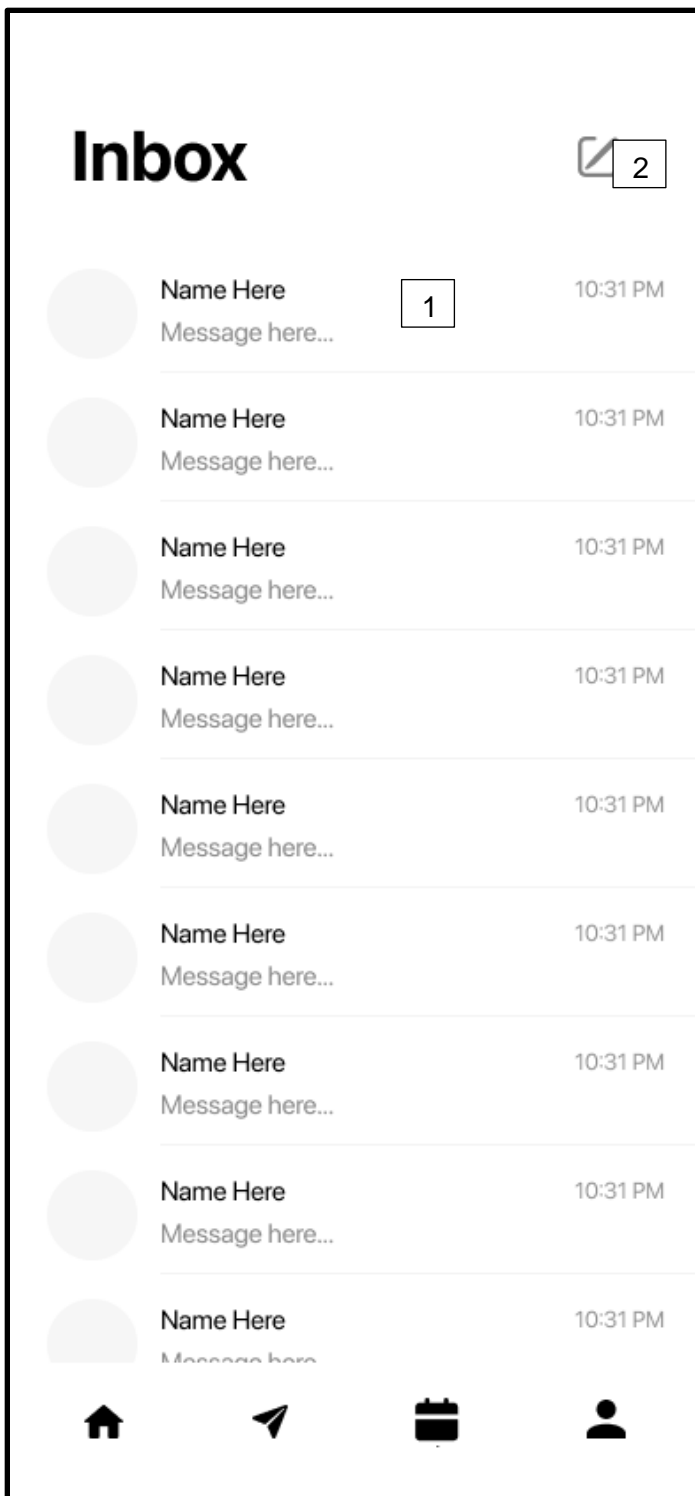|		
11:00 AM	12:00 PM	13:00 PM
14:00 PM	15:00 PM	16:00 PM
17:00 PM	18:00 PM	19:00 PM
20:00 PM	21:00 PM	22:00 PM

"Schedule"

This is the Schedule page for the teachers where they can edit their own schedule, and modify it to however they like, making times available or unavailable for the students.

The teachers can specify if a certain time slot is available or not by toggling the time slots between available and unavailable.

1- The calendar.

2- Time slots.

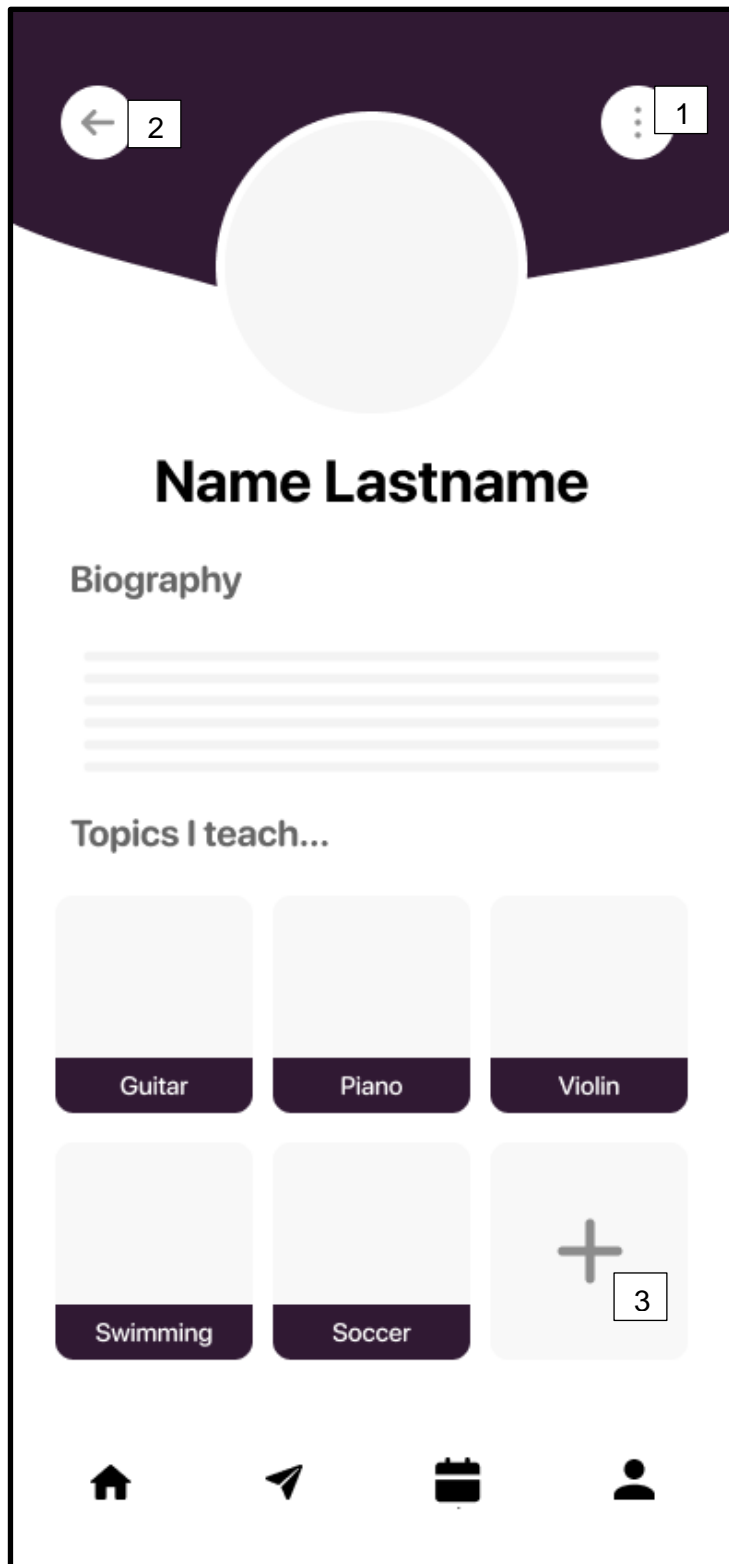3- Press this button to edit the schedule in more detail

Inbox

Name Here		10:31 PM
Message here...		
Name Here		10:31 PM
Message here...		
Name Here		10:31 PM
Message here...		
Name Here		10:31 PM
Message here...		
Name Here		10:31 PM
Message here...		
Name Here		10:31 PM
Message here...		
Name Here		10:31 PM
Message here...		
Name Here		10:31 PM
Message here...		
Name Here		10:31 PM
Message here		

2

1

"Inbox"

This is where the teachers and students can communicate, sending messages to one another for various reasons.

This is what the admins can use to communicate with users regarding their issues.

1- Press this button to open the messages from the selected user.

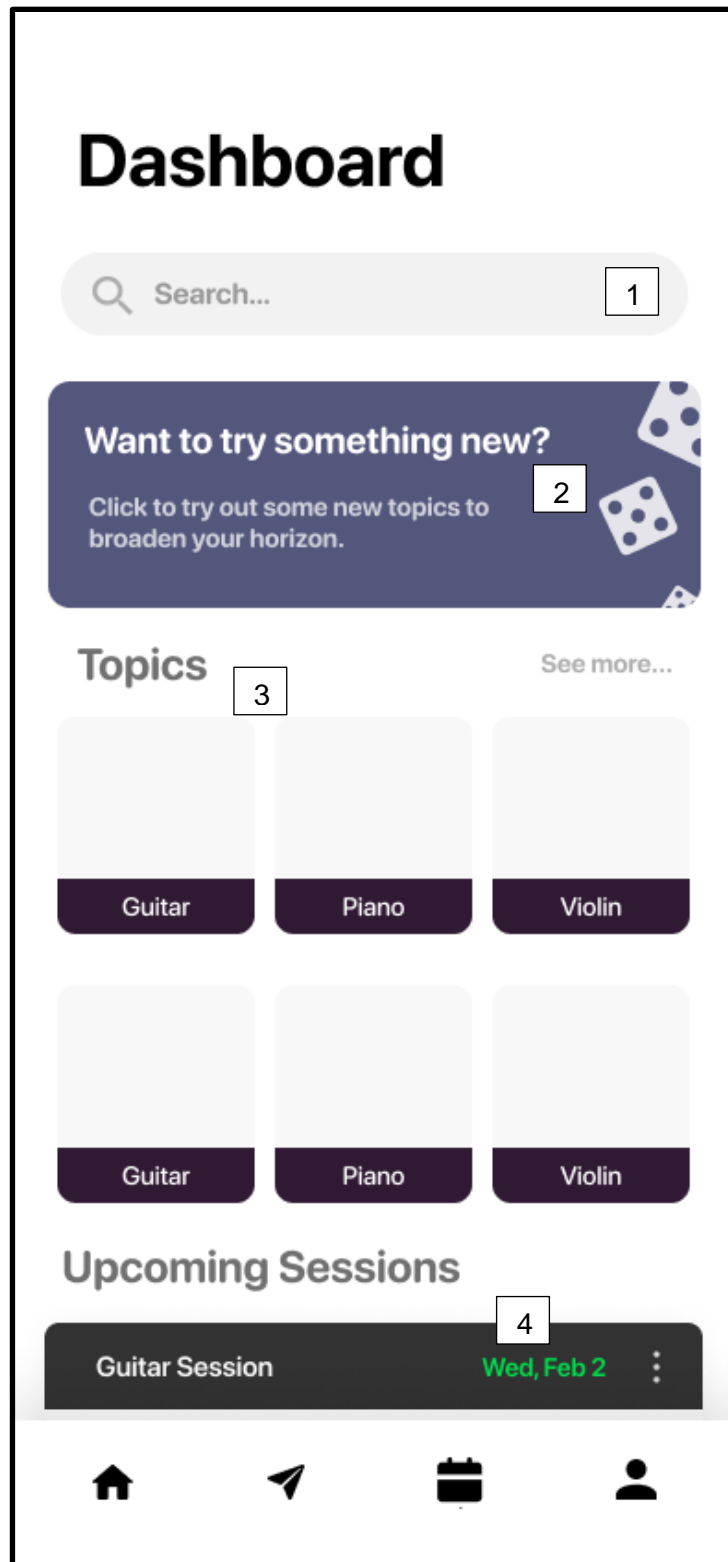2- Press this button to add new conversations.

"Teacher Profile"

This is the teacher's profile page. Here they have all their information, their name, their profile picture, as well as the topics they teach

The teachers can add more topics to their repertoire, and hence be able to teach more topics.

1- Press this to edit your profile.

2- Press this to go back to the previous page.

3- Press this to add another category/topic.

Dashboard

🔍 Search...   1

Want to try something new?

Click to try out some new topics to
broaden your horizon.   2

Topics   3   See more...

| Guitar | Piano | Violin |

| Guitar | Piano | Violin |

Upcoming Sessions

4

| Guitar Session | Wed, Feb 2 | ⋮ |

🏠   ✈   📅   👤

"Student Dashboard"

This is the student's dashboard page. Here they can browse the topics they want to learn and after choosing the topic can access the booking page.
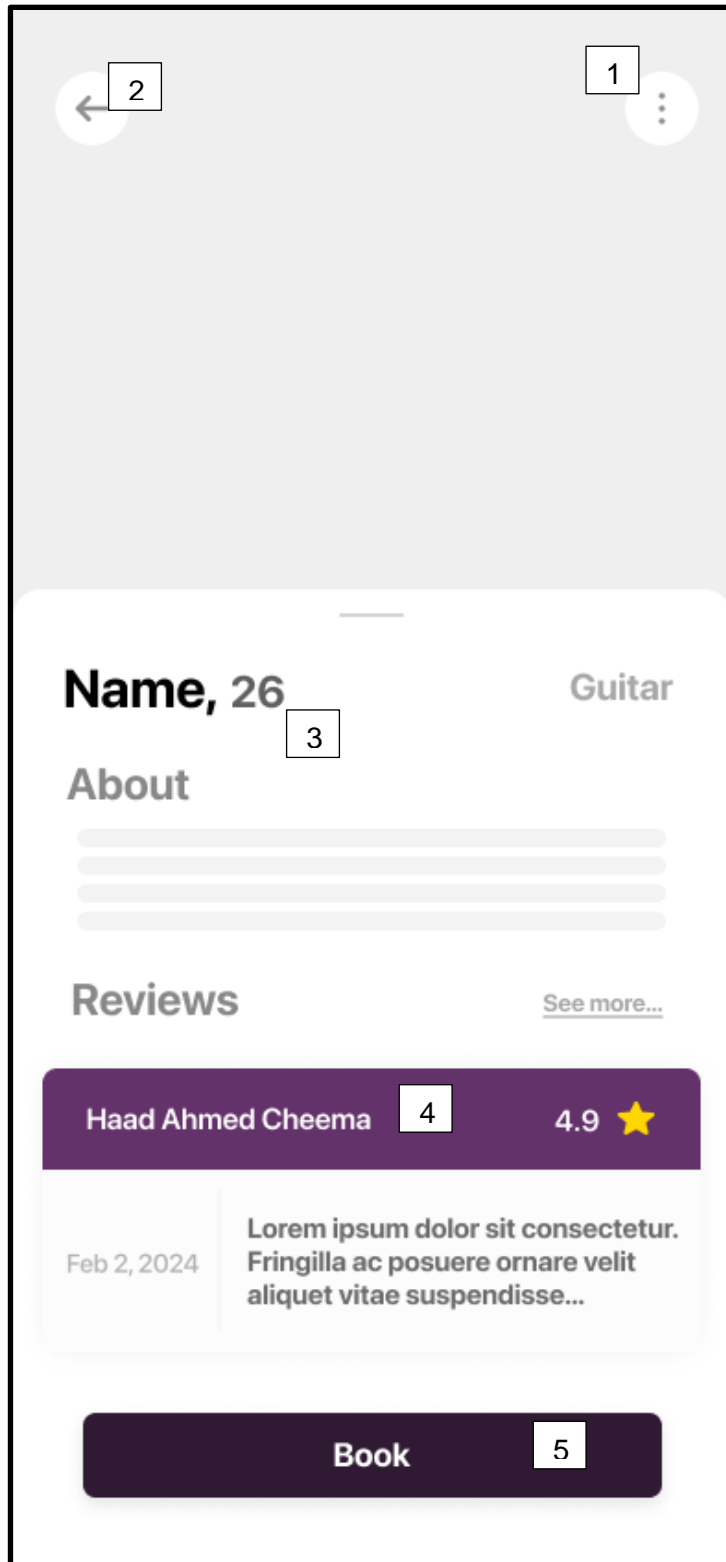
The students can also see their upcoming sessions.

1-   This is the search button to search for categories or topics you wish to learn.

2-   This button randomly gives you a topic, which might interest you.

3-   This is the list of topics/categories that are offered.

4-   This is where you can find more information about your upcoming sessions.

"Student Session Booking"

This is the student's session booking page. Here they can book the sessions they want to learn with clicking on the teacher they want to learn it from

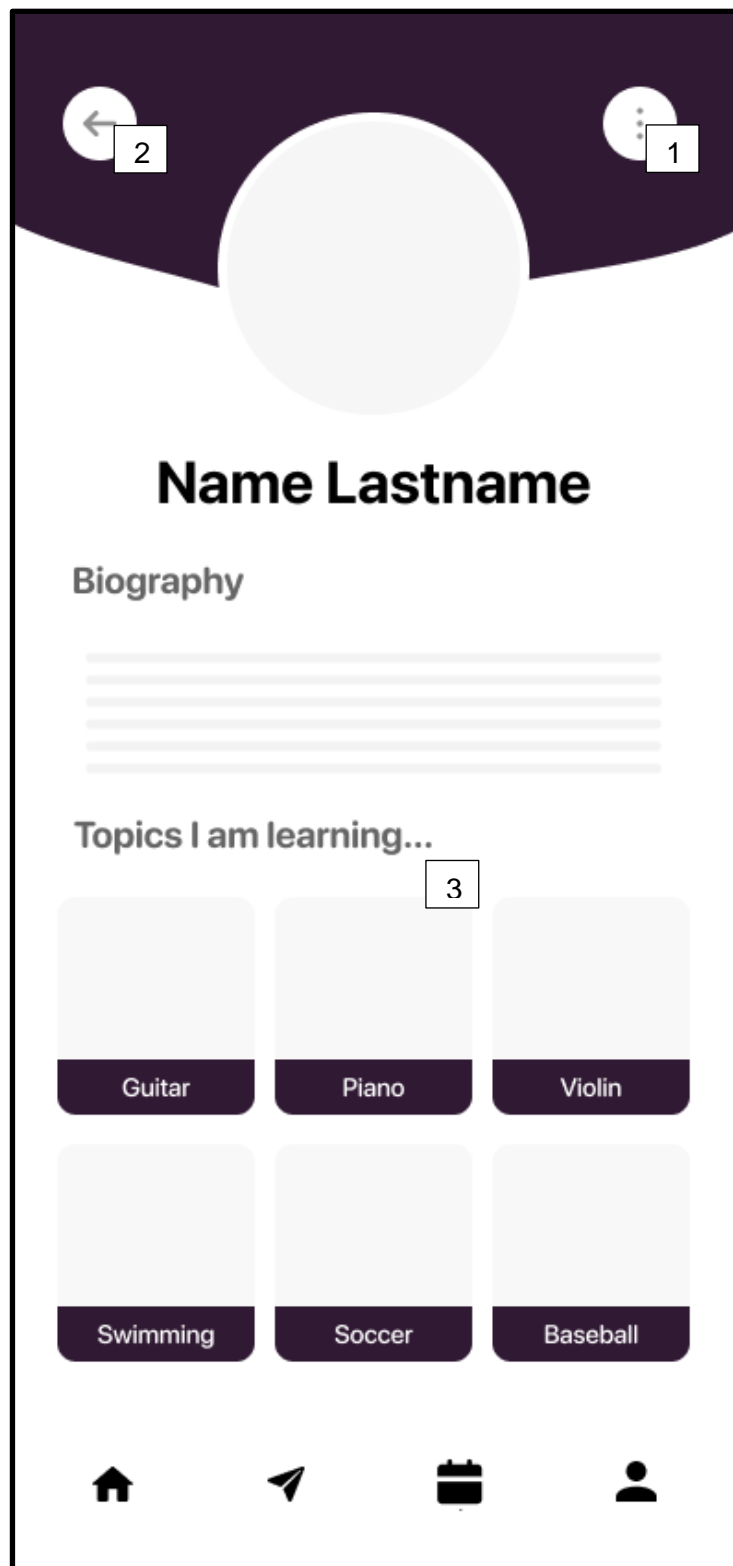The students will be able to see the teacher's reviews and ratings.

1-   This button is to view more options such as "report".

2-   This is to go back to the previous page.

3-   The information about the instructor/teacher/tutor.

4-   This is where you can find the reviews for the selected teacher.

5-   This is where you make appointments or bookings with your selected teacher.

Name Lastname

Biography

Topics I am learning...

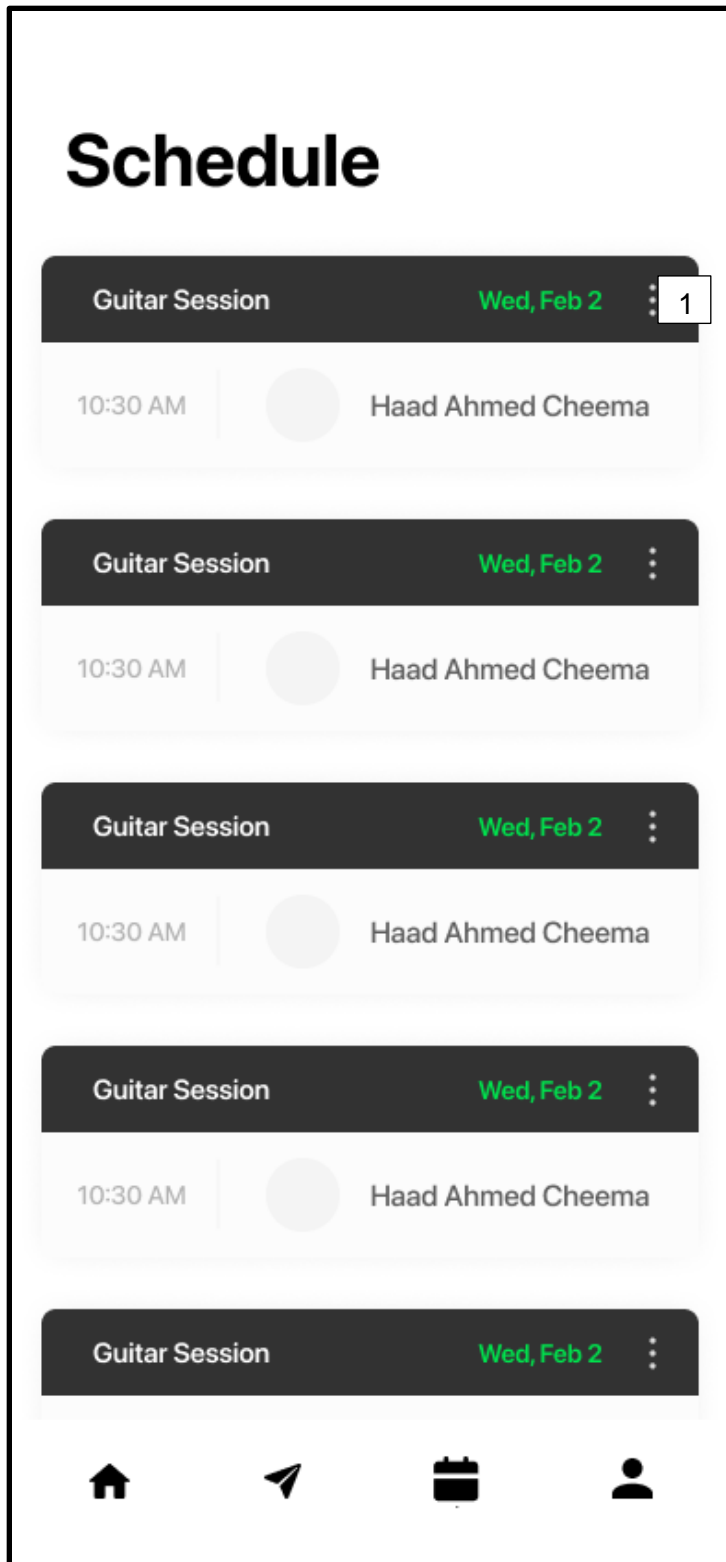|		
Guitar	Piano	Violin
Swimming	Soccer	Baseball

"Student Profile"

This is the students profile page. Here they have all their information, their name, their profile picture, as well as the topics they teach

The students profile also shows what topics they're currently learning, or might possibly be interested in.

1-   This is to edit your profile.

2-   This is to go back to the previous page.

3-   This is where you find the list of topics you're currently being tutored for or are interested in learning.
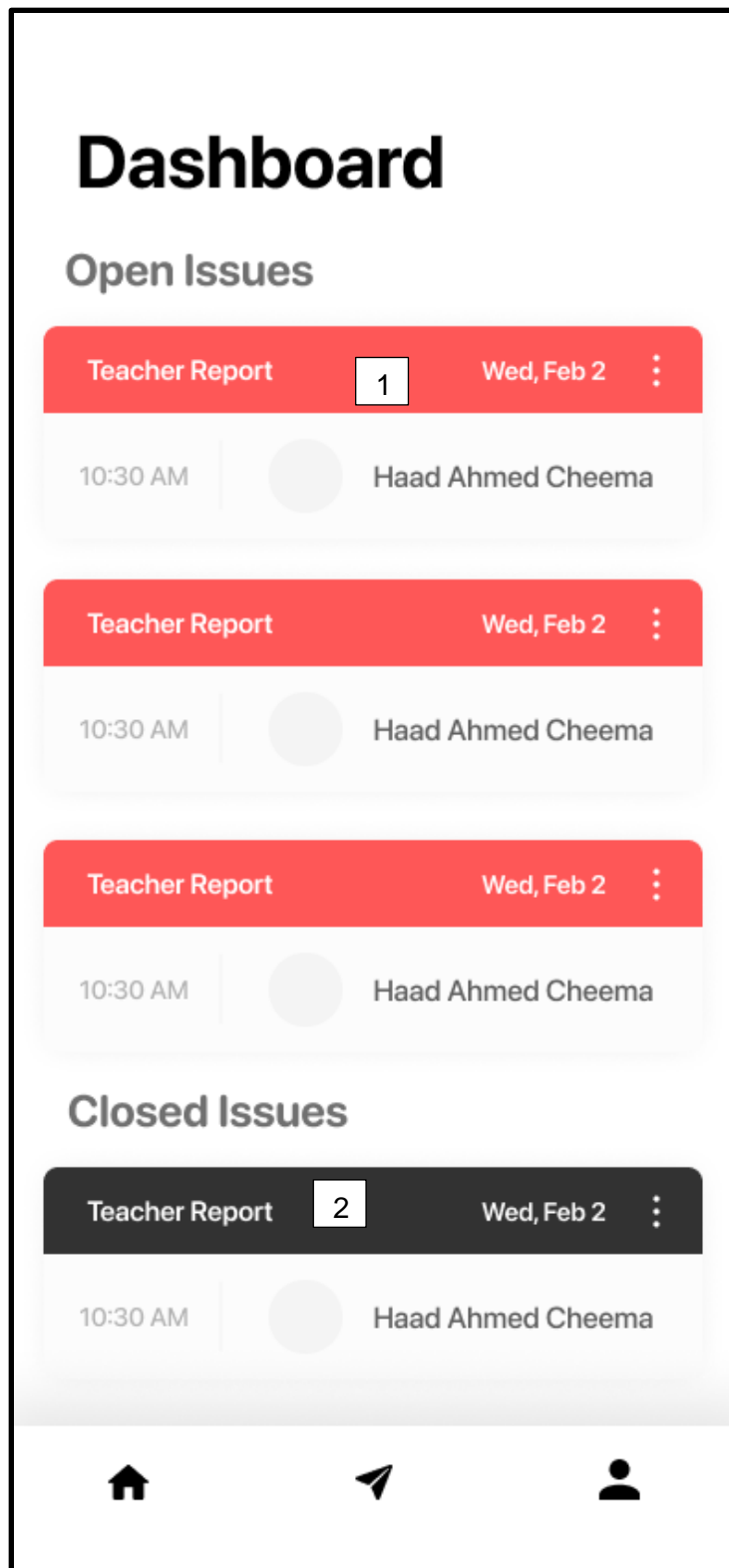
Schedule

Guitar Session	Wed, Feb 2	⋮ 1
10:30 AM		Haad Ahmed Cheema

Guitar Session	Wed, Feb 2	⋮
10:30 AM		Haad Ahmed Cheema

Guitar Session	Wed, Feb 2	⋮
10:30 AM		Haad Ahmed Cheema

Guitar Session	Wed, Feb 2	⋮
10:30 AM		Haad Ahmed Cheema

Guitar Session	Wed, Feb 2	⋮

🏠   ✈   📅   👤

"Student Schedule"

This is the student's page. Here they can see their upcoming sessions with the time and the date.

The students will be able to see the teacher's name and the session name.

1-   This is what you press to edit your upcoming session, such as re-scheduling it or cancelling it.
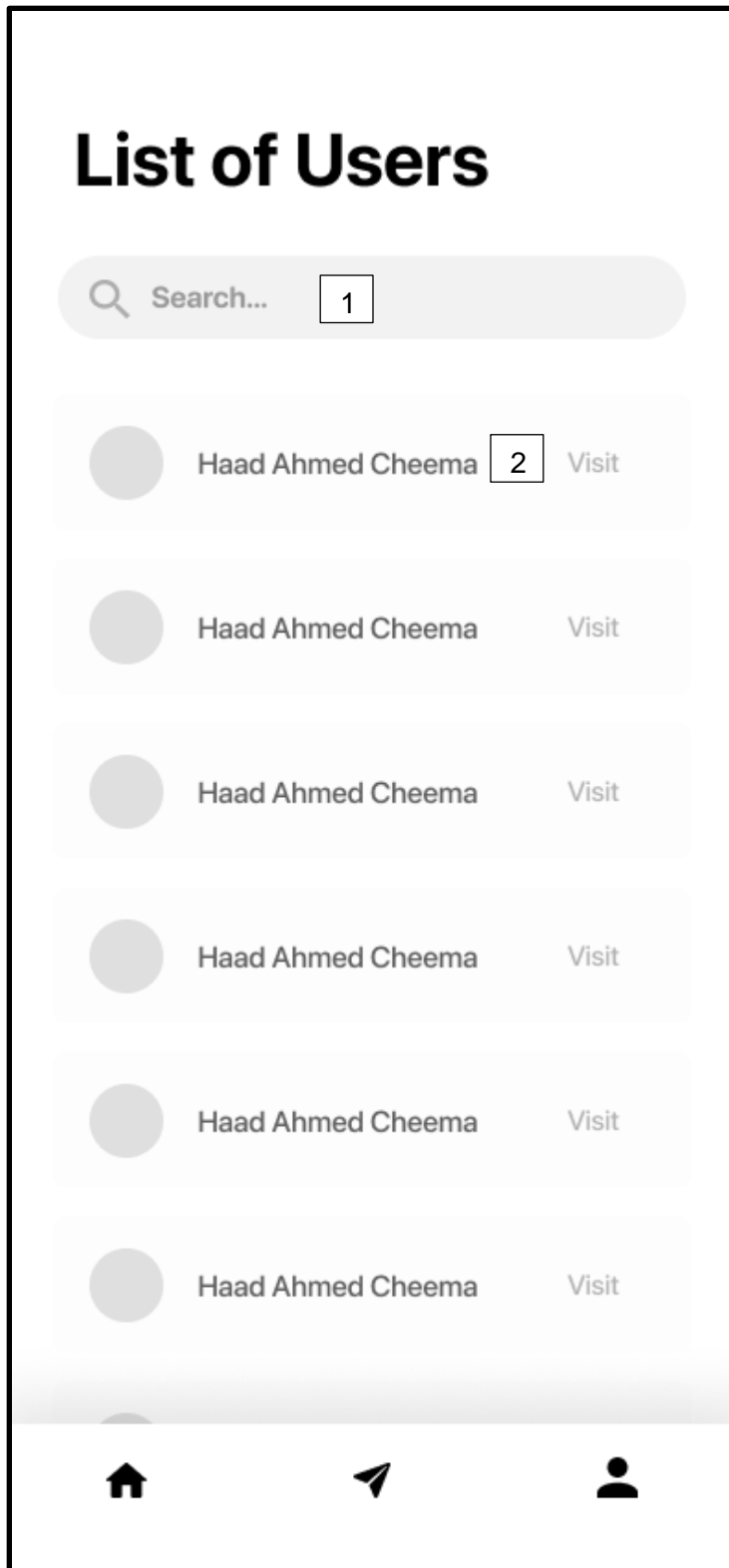
Dashboard

Open Issues

Teacher Report [1] Wed, Feb 2 ⋮

10:30 AM | ⚪ Haad Ahmed Cheema

Teacher Report Wed, Feb 2 ⋮

10:30 AM | ⚪ Haad Ahmed Cheema

Teacher Report Wed, Feb 2 ⋮

10:30 AM | ⚪ Haad Ahmed Cheema

Closed Issues

Teacher Report [2] Wed, Feb 2 ⋮

10:30 AM | ⚪ Haad Ahmed Cheema

🏠   ✈   👤

"Admin Dashboard"

This is the admin's dashboard page. Here they can see the open and closed reports in blocks.

1-   This is what the admin will press to see more detail about an open case.

2-   This is what the admin can press to view more information of a past issue/case.

List of Users

🔍 Search... 1

⬤ Haad Ahmed Cheema 2 Visit

⬤ Haad Ahmed Cheema Visit

⬤ Haad Ahmed Cheema Visit

⬤ Haad Ahmed Cheema Visit

⬤ Haad Ahmed Cheema Visit

⬤ Haad Ahmed Cheema Visit

🏠 ✈ 👤

"List of Users"

This is a page for admins to see the list of users and delete or block their account if they need to.

1-   This is where the admin will search for the different users of the app.

2-   This is what the admin can press to view more information about the profile and take action on the user/account such as banning them etc.