



Truckie Academy

Introduction

Truckie Academy is an android based interactive chatbot led learning platform with voice recognition for truck drivers to use while driving to learn new skills.

You can easily download our app from <https://truckieacademy.netlify.com>

USER MANUAL

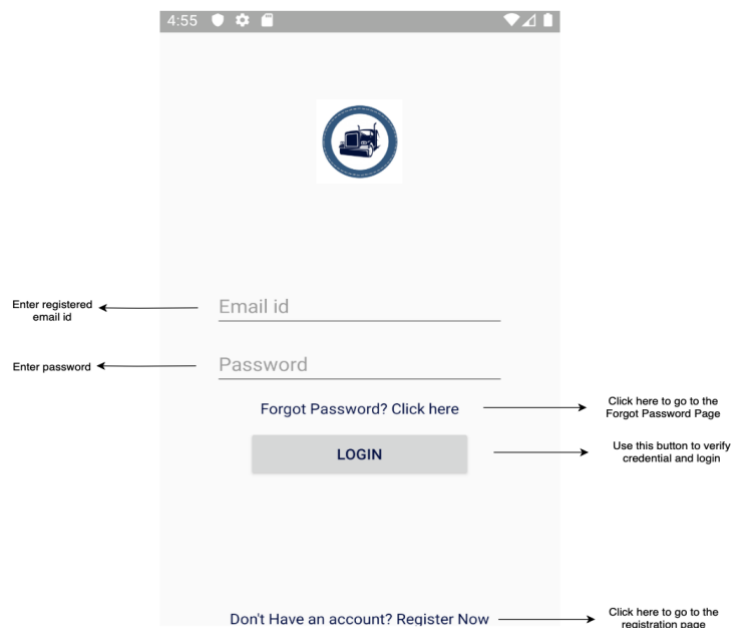
- **Login Page**

This is the first page the user will see upon launching the app. The “Login Page” allows registered users to login and get access to the application.

It has two fields email id and password; user must enter their registered email id and password here. If the credentials are valid user will proceed to "Home Page" and if the credentials are invalid the user will get a "Login Failed" error.

This page also contains a link to the “Forgot Password” page, users can use this link to reset their passwords.

If the user is new to the app and does not have an account, they should click on the "Register Now" link located at the bottom of the screen to create a new account.

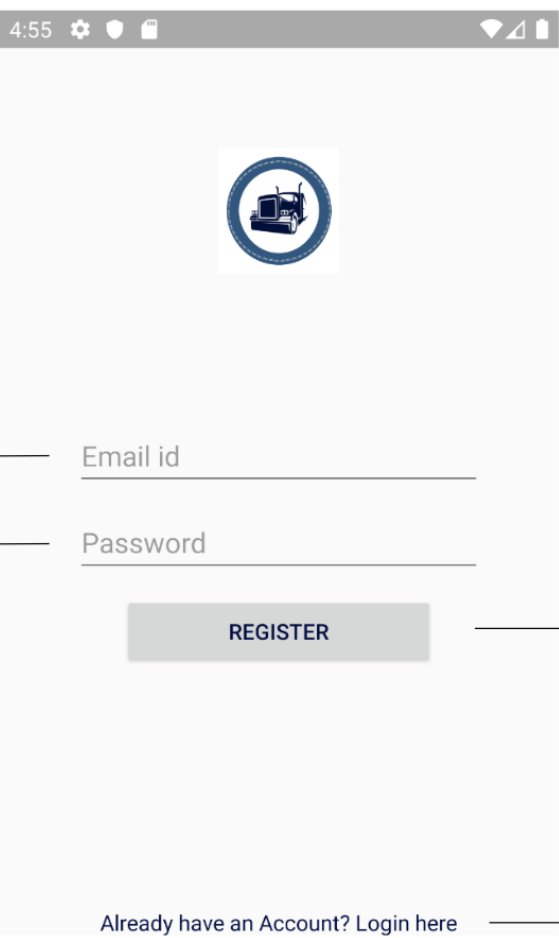


- **Signup Page**

The “Register Now” link on the login page redirects to this page. If the user is not already registered, they can use this page to create a new account.

It has two fields email id and password; user must enter their email id and a desired password here. If registration is successful, the user will proceed to "Home Page" and if the registration fails the user will get a "Registration Failed" error.

This page also has a “Login Here” link which a user can use to go back to the login page.



The image shows a mobile application interface for a signup page. At the top, there is a status bar with the time 4:55, a settings gear icon, a shield icon, and a battery icon. Below the status bar is a light gray header area containing a circular logo with a blue border and a white center featuring a blue truck icon. The main content area is white and contains two input fields: "Email id" and "Password". To the left of the "Email id" field is the text "Enter a valid email id" with an arrow pointing to the field. To the left of the "Password" field is the text "Enter password" with an arrow pointing to the field. Below the input fields is a gray button with the text "REGISTER" in blue. To the right of the button is the text "Click here to register account" with an arrow pointing to the button. At the bottom of the page is the text "Already have an Account? Login here" in blue. To the right of this text is the text "Click here to return to the Login Page" with an arrow pointing to the text.

4:55

Enter a valid email id

Email id

Enter password

Password

REGISTER

Click here to register account

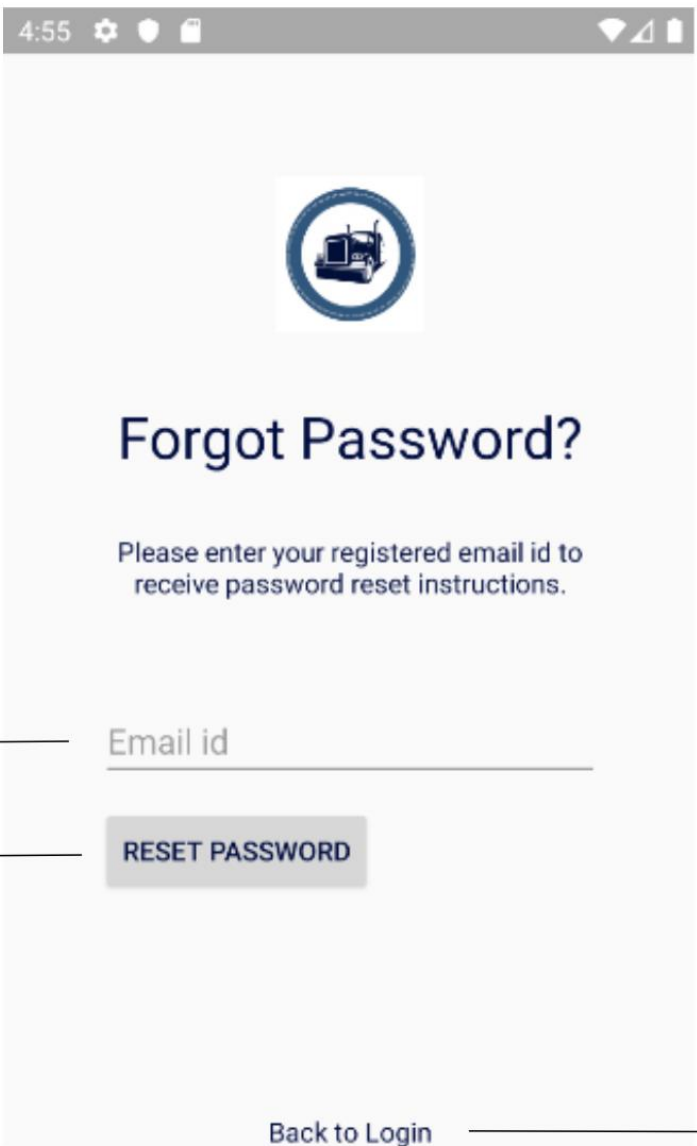
Already have an Account? Login here

Click here to return to the Login Page

- **Forgot Password Page**

The “Forgot Password” link on the login page redirects to this page. If the user cannot remember their registered password, they can use this page to reset their password.

It has one email id field where the user must enter their registered email id to receive password reset instructions.



The screenshot shows a mobile application interface for a 'Forgot Password?' page. At the top, there is a status bar with the time 4:55 and various icons. Below the status bar is a circular logo featuring a truck. The main heading is 'Forgot Password?'. Below the heading, the text reads: 'Please enter your registered email id to receive password reset instructions.' There is a text input field labeled 'Email id' with a placeholder text 'Enter registered email id'. Below the input field is a button labeled 'RESET PASSWORD'. At the bottom of the page, there is a link labeled 'Back to Login'. Annotations with arrows point to the input field, the 'RESET PASSWORD' button, and the 'Back to Login' link.

Enter registered email id

Email id

RESET PASSWORD

Click here to receive password reset instructions

Back to Login

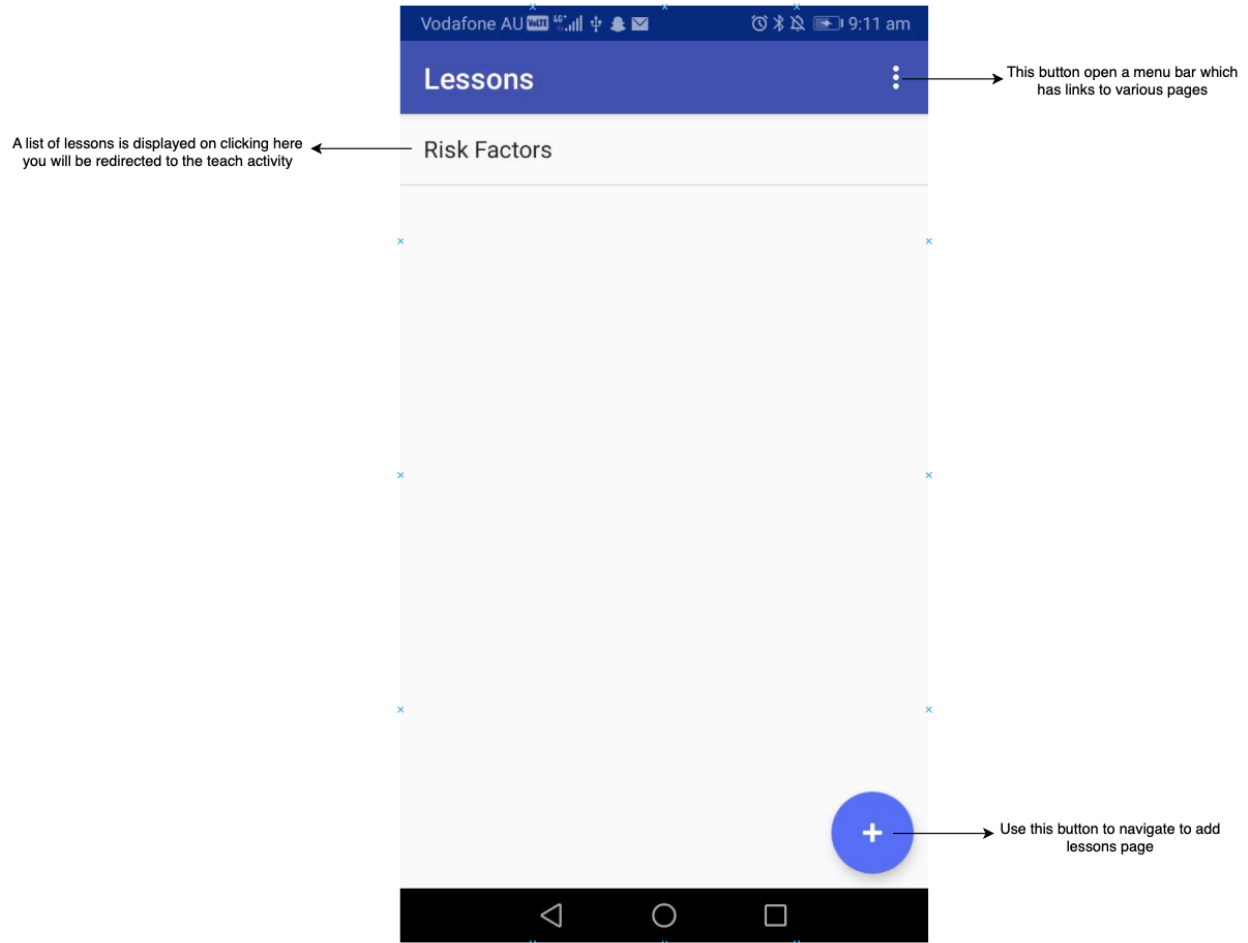
Click here to return to the Login Page

- **Home Page**

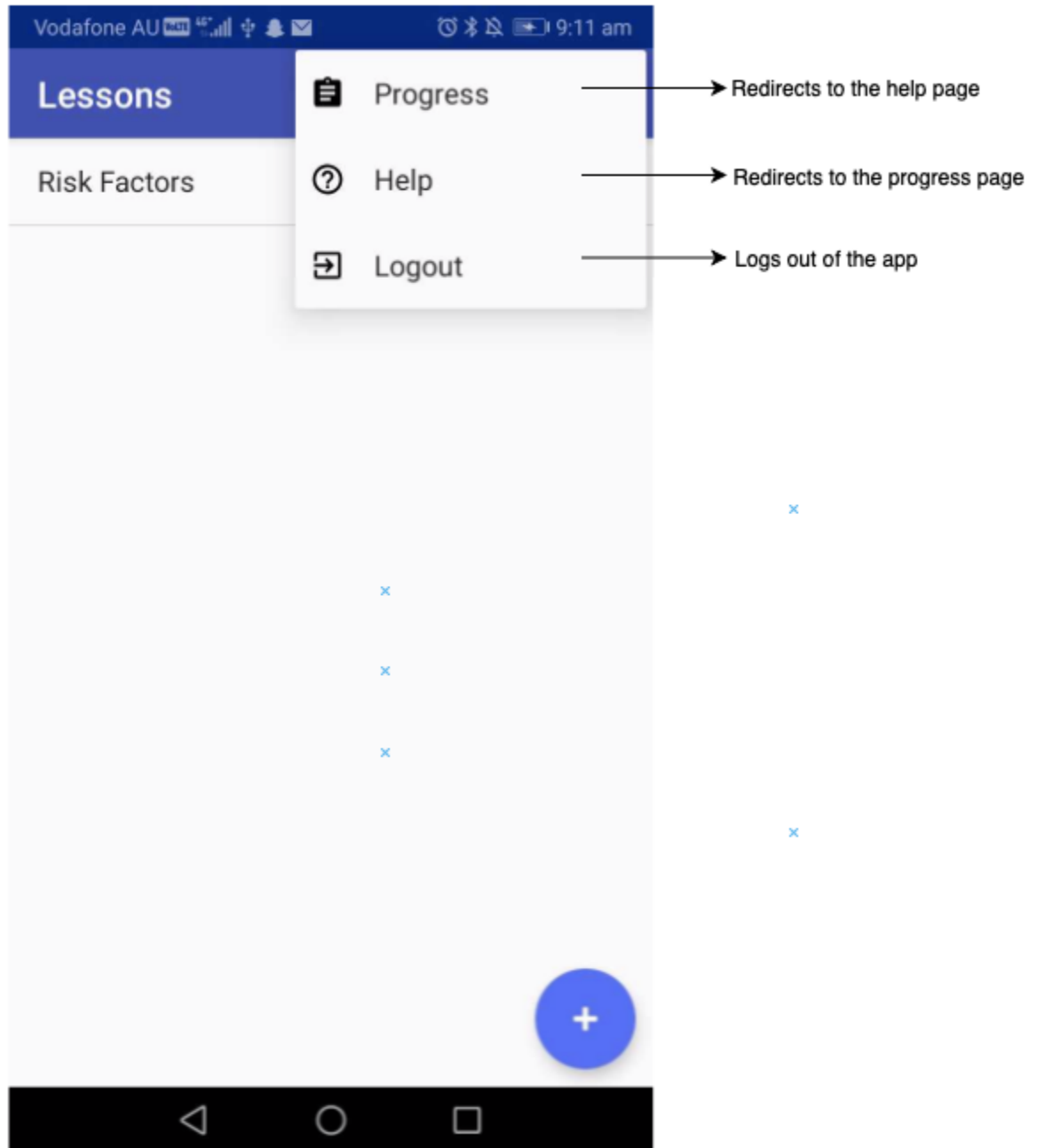
This is the main page that will be displayed once a user is successfully logged in.

This page contains a list of lessons, on clicking on any of the lesson's user will to the "Teach Activity".

At the bottom of the page there is a + button. This button is used to add lessons.



This page also contains a menu button on the top right of the screen, on clicking this button a quick menu opens up which has links to the “Help Page”, “Progress” and “Logout”.

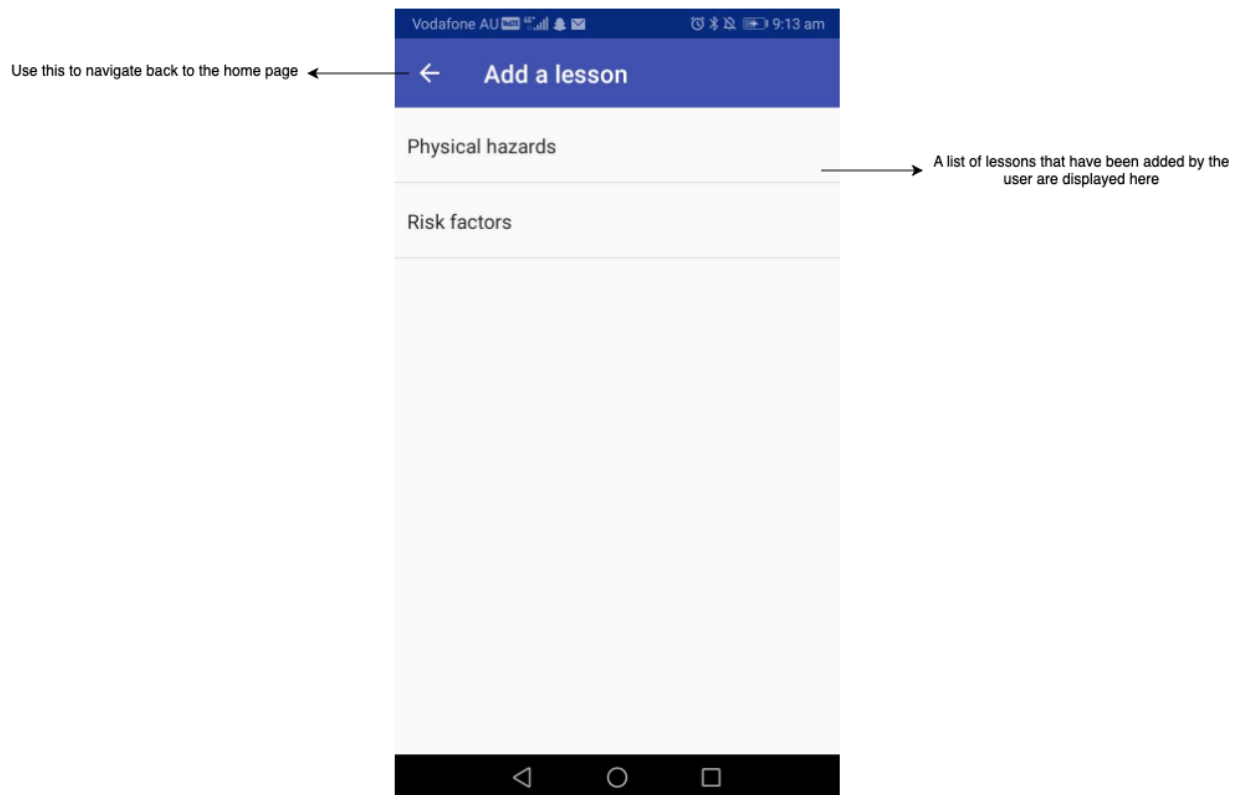


- **Add Lesson Page**

Lessons are added using the firebase console, once a lesson is successfully added the user is redirected to this page.

This page displays a list of lessons that have been added by the user.

It also has a back button at the top left of the screen which can be used to navigate back to the home page.

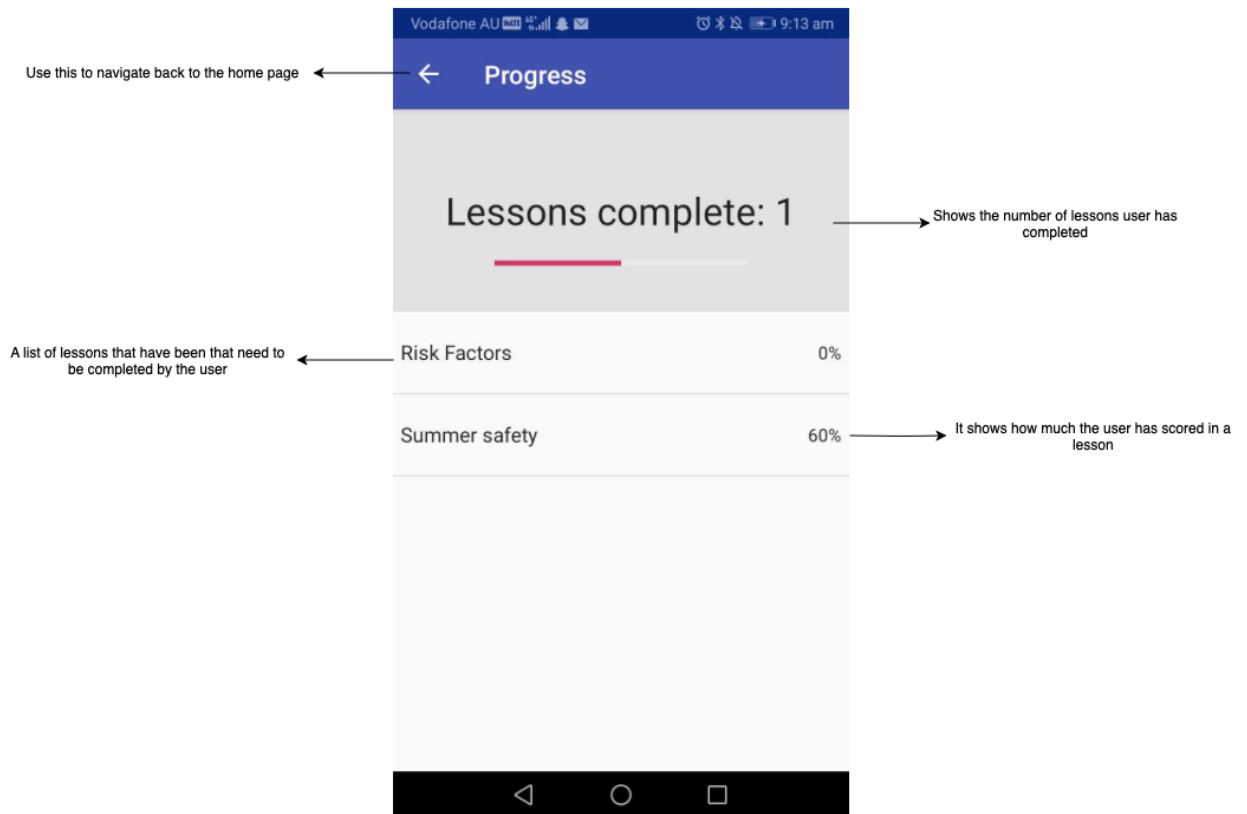


- **Progress Page**

This page displays the progress of the user that is currently logged in.

It shows list of lessons the user is supposed to complete and the users scores in the lessons they have completed. It also shows the total number of lesson completed by user and the progress bar shows the progress made by the user.

It also has a back button at the top left of the screen which can be used to navigate back to the home page.



- **Lessons**

- Valid responses are yes, no, true, false, repeat, exit.
- Wait until the bot prompts you until you give a response.
- If you wish to exit, say 'Exit'
- If you wish to hear again, say 'Repeat' once prompted

- Bot will initially ask if you are ready to begin the lesson, respond with yes or no.
- Bot will then deliver a mini lecture, at the end of it will ask if you are ready to continue with questions. Respond with yes or no.
- Bot will then deliver a series of questions, respond with true or false.

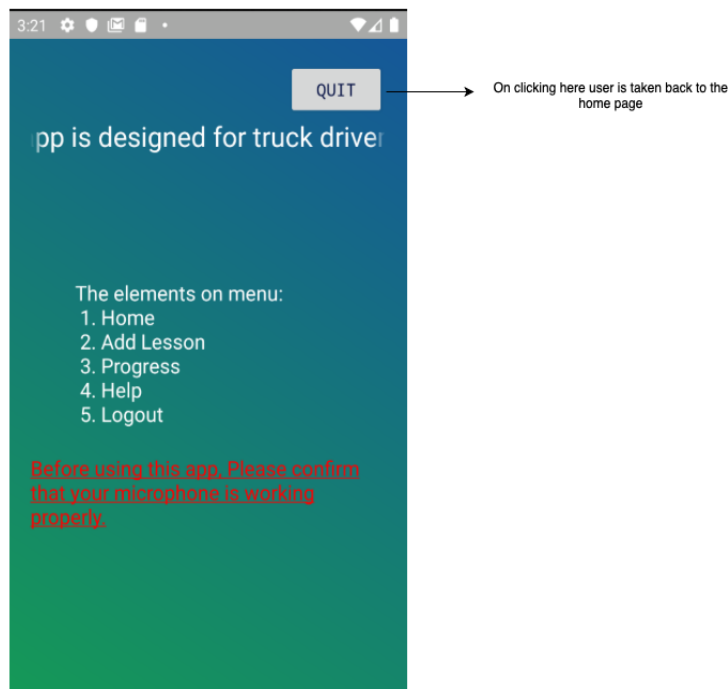
- **Logout**

To logout from the system user would have to use the navigation slider which opens on the clicking on the hamburger menu icon on the top left of the screen and click on “Logout”, on doing this user will be redirected back to the “Login Page”.

- **Help Page**

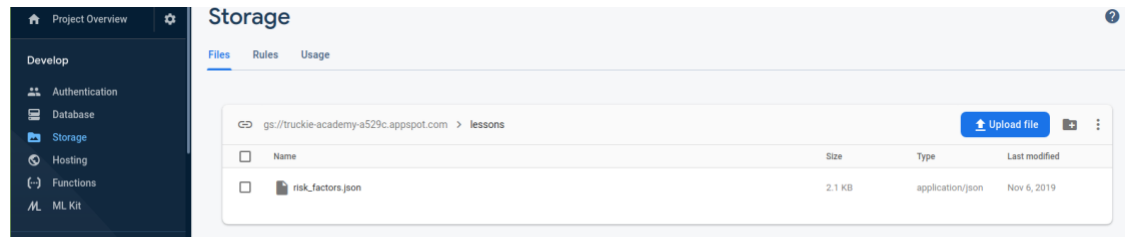
This page just displays some helpful information about the application. Once this page is launched the app starts reading out the text on the screen, and the text is shown as “marquee effect”.

This page also contains a “Quit” button, on clicking this user is taken back to the “Home Page”, and when user redirect to home page, the app will say “Welcome back”.



EDUCATOR MANUAL

- Add lessons Upload lesson to firebase storage

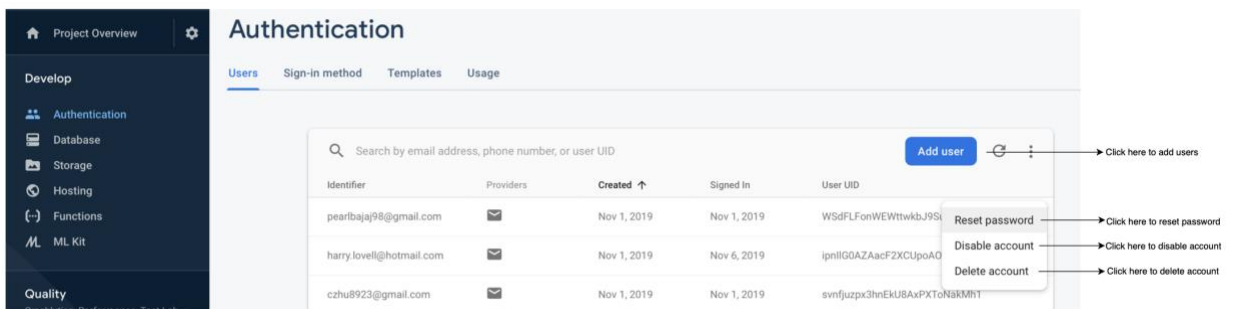


- File must be .json
- File must adhere to specified format
- File name should be reflective of lesson content
- Ideally file name will be in the form *lesson_name.json*, where '*lesson_name*' is the same as the name field in the file.

- Authentication

Educators can easily modify authentication database on the firebase console, To do so they will need access to the firebase console for this application.

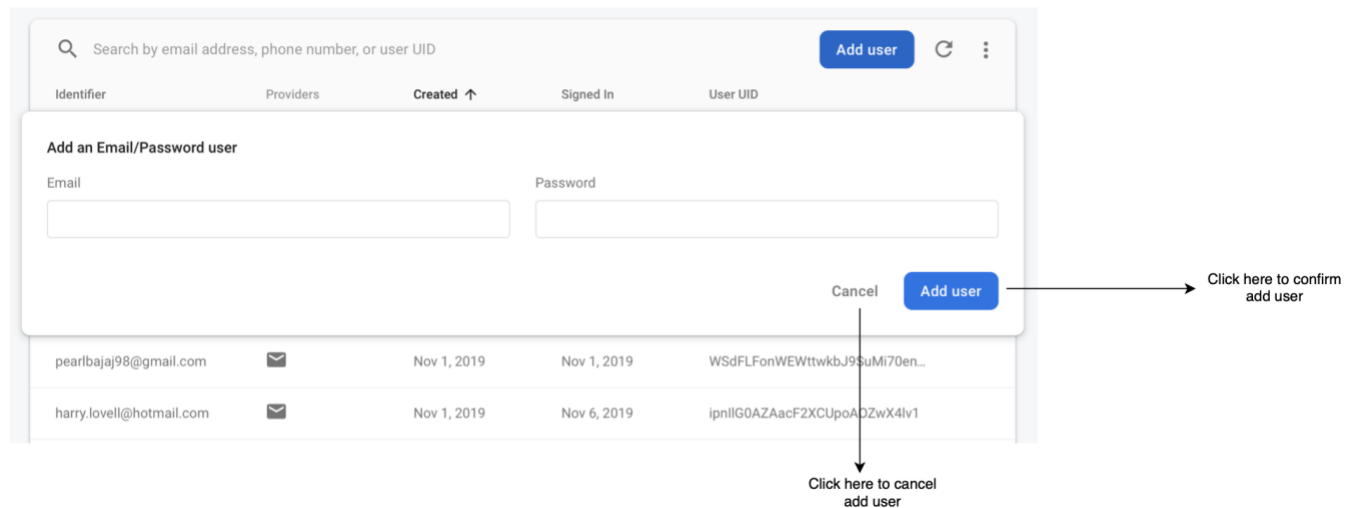
On the menu (left side of the “Main Page” on firebase console) select “Authentication” and on the “Authentication Page” click on users.



○ Adding Users

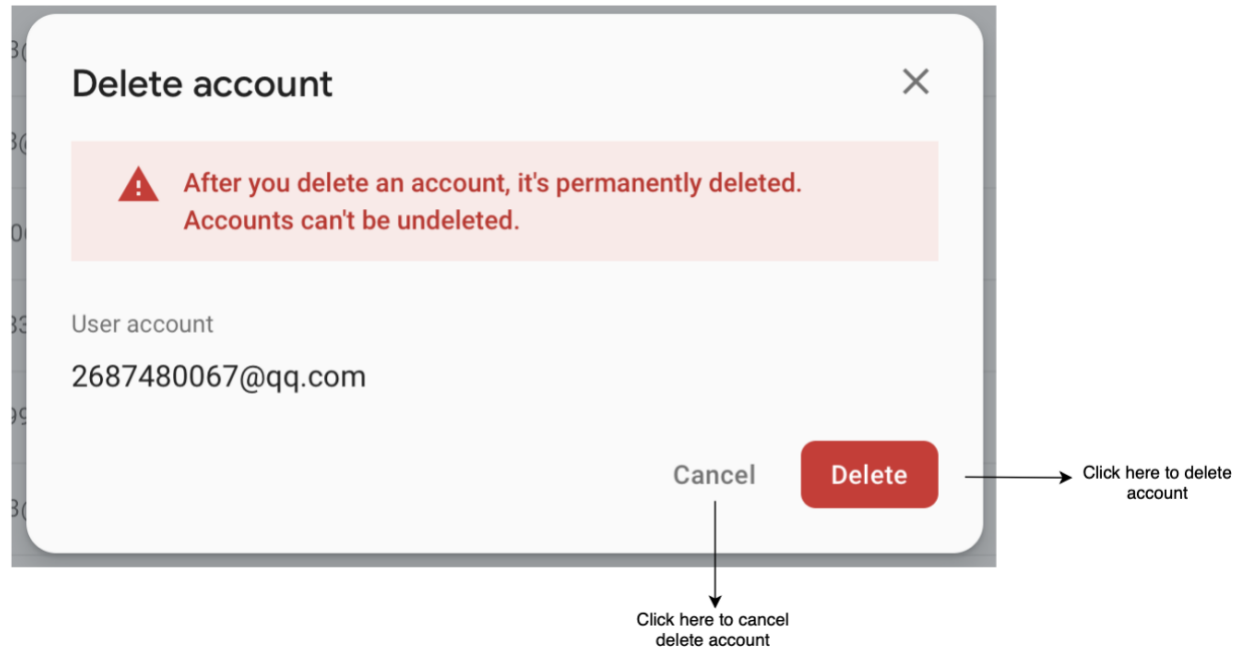
To add a user, click on the “add user” button in the user section on the “Authentication Page”. On doing this a popup window shows up, this window has two fields email id and password, enter the new users email id and a desired password here and click on the add user button to successfully add a new user.

There is also a cancel button which would stop the add user process and close the pop up.



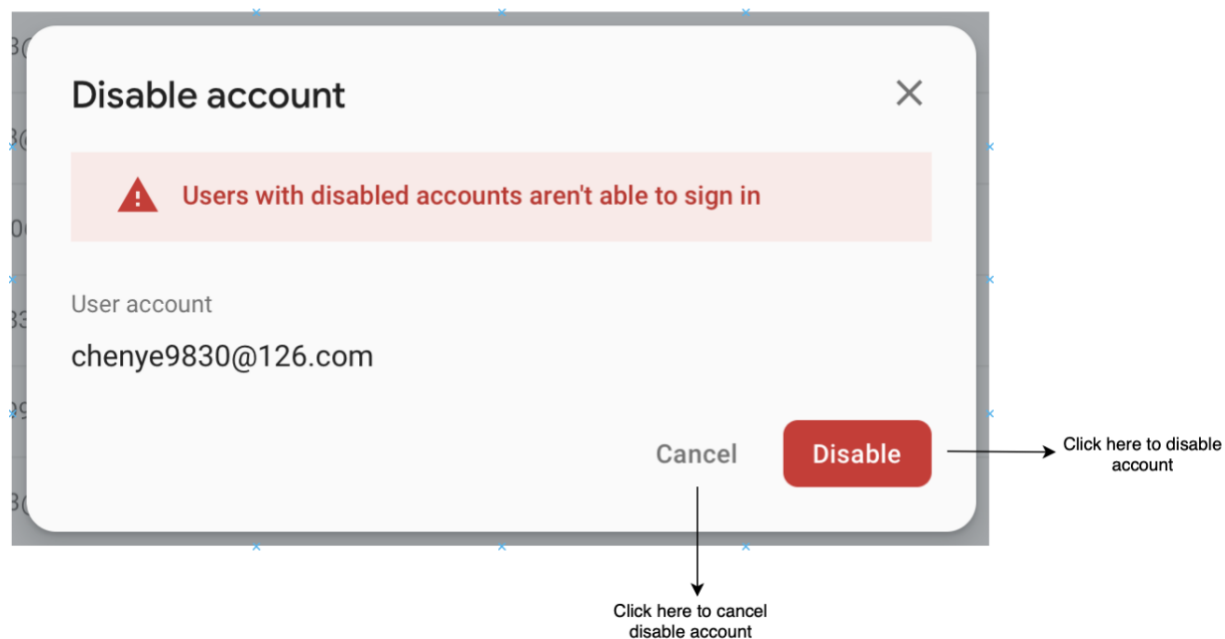
○ Deleting Users

To delete a user search for the desired user using the search bar in the user section on the “Authentication Page”. It will show all the relevant users, on finding the desired user click on the dots on the left side of the screen, this will give you three options “Delete User”, “Disable Account” and “Reset Password”. Click on “Delete User” from this menu, on doing this a warning popup shows up which will ask you to confirm if you want to delete the user. Select delete to delete user and cancel to close the popup and return to the user section.



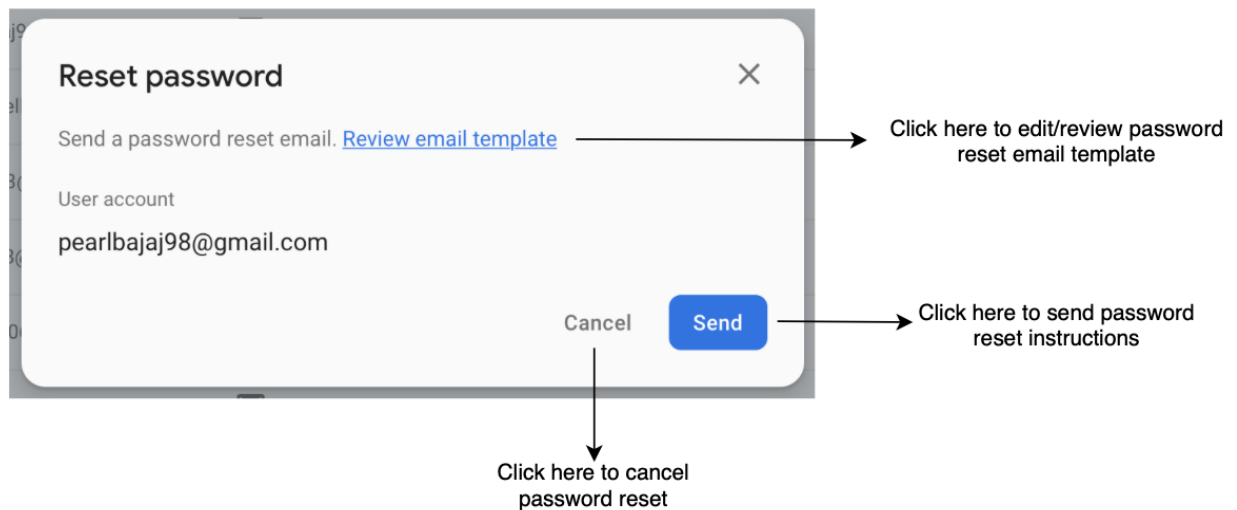
- **Disable Account**

To disable an account search for the desired user using the search bar in the user section on the "Authentication Page". It will show all the relevant users, on finding the desired user click on the dots on the left side of the screen, this will give you three options "Delete User", "Disable Account" and "Reset Password". Click on "Disable Account" from this menu, on doing this a warning popup shows up which will ask you to confirm if you want to disable the account. Select disable to disable user and cancel to close the popup and return to the user section.



- **Reset Password**

To reset a user's password search for the desired user using the search bar in the user section on the "Authentication Page". It will show all the relevant users, on finding the desired user click on the dots on the left side of the screen, this will give you three options "Delete User", "Disable Account" and "Reset Password". Click on "Reset Password" from this menu, on doing this a warning popup shows up which will ask you to confirm if you want to send password reset instruction or cancel. Select send to send password reset instructions to the desired email id and cancel to close the popup and return to the user section. There is also a review template link on the popup, on clicking this the templates page opens up where the content of the password reset email can be changed.



Thank You!

We hope you enjoy using this application.