



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA
Faculty of Engineering, Built Environment and
Information Technology

User Manual - Tutor Me (Version 1)

Authors: CapsOn

1. Introduction

The Tutor Me project is an idea that aims to provide a platform where students that need help academically can easily find a tutor that can help them with specific modules. This project will be useful especially now that the covid-19 pandemic has made it much difficult to have face-to-face conversations, ask for help with their studies from fellow students, and interact with lecturers for additional assistance. As with the rest of the world, every matter related to students is moving towards being digital and virtual. This project focuses on providing a platform to ease the process of:

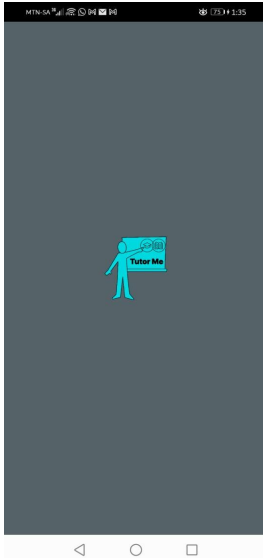
- Registering as a Tutor that can tutor certain modules for a price,
- Registering as a Tutee that needs a tutor for certain modules,
- The tutor should be able to select the modules he/she tutors for a fee,
- The tutee should be able to choose which subject they need help with from certain tutors,
- One-on-one chat functionality between Tutees and Tutors,
- Group chat creation for students requiring assistance with the same modules or subjects,
- Sending and receiving notifications when Tutor is found
- Video calling functionality in-app to allow students to virtually meet After implementing these core functionalities of this project, we would start looking at additional functionalities like filtering tutors by gender to enable students to choose someone that they are comfortable with. We would also look into implementing a dark mode of the app for users that prefer it over light mode. The project will be implemented as a cross platform mobile app for Android and iOS.

2. Technical Specifications and Requirements

The app should be able to work on all android devices running OS 4.1 and newer. Iphone users will need to update to iOS 12.

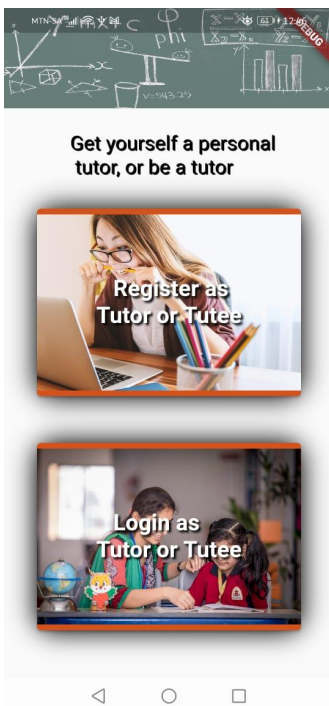
3. Logical Flow of App

3.1 Splash Screen



Upon opening the app, you would be greeted with a splash screen that contains the TutorMe logo. This will show until the contents of the other pages of the app have been loaded from their respective API's. This page then leads to the Register/Login screen

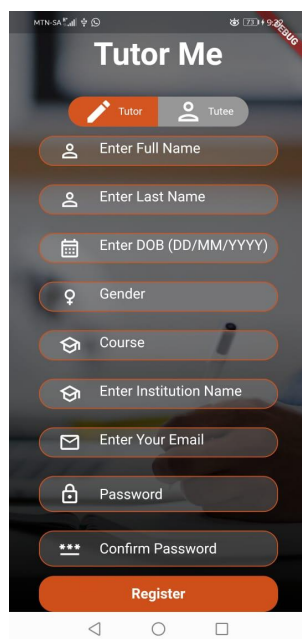
3.2.1 Register/Login



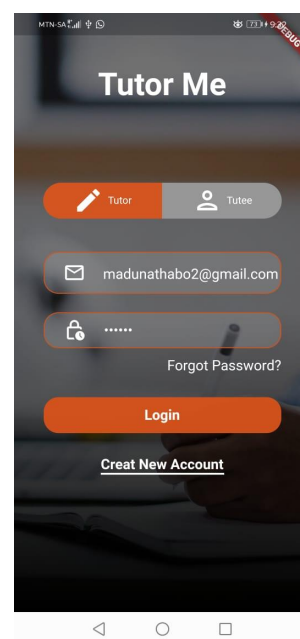
After the splash screen, you get to this page where you can choose to press one of two buttons. The one button is to Register as a Tutor or Tutee and the other is to Login as a Tutor or Tutee.

If the user chooses the Register as Tutee or Tutor button, they will be sent to this page where they fill in their registration details. After server side and client side verification of the details succeed, the users details will be stored in the correct database provided that they choose whether they are a Tutor or Tutee. They will then be taken to the login screen.

3.2 Register/Login Screen



The screenshot shows the 'Tutor Me' registration screen. At the top, there's a header 'Tutor Me' and a toggle switch between 'Tutor' (selected) and 'Tutee'. Below this, there are several input fields: 'Enter Full Name', 'Enter Last Name', 'Enter DOB (DD/MM/YYYY)', 'Gender', 'Course', 'Enter Institution Name', 'Enter Your Email', 'Password', and 'Confirm Password'. At the bottom, there is a large orange 'Register' button.



The screenshot shows the 'Tutor Me' login screen. At the top, there's a header 'Tutor Me' and a toggle switch between 'Tutor' (selected) and 'Tutee'. Below this, there are two input fields: 'Email' (containing 'madunathabo2@gmail.com') and 'Password' (containing '*****'). There is a 'Forgot Password?' link below the password field. At the bottom, there is a large orange 'Login' button and a link 'Creat New Account' (note the typo).

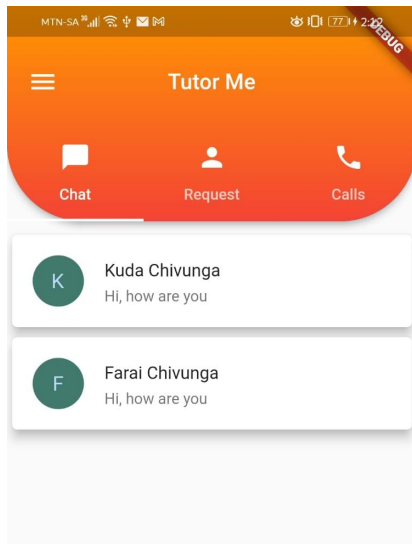
Users can register both as Tutors or Tutees, Only after Registration can the login. Using their credentials.

Once the user has logged in they will be able to see their Home page

3.3 Home page

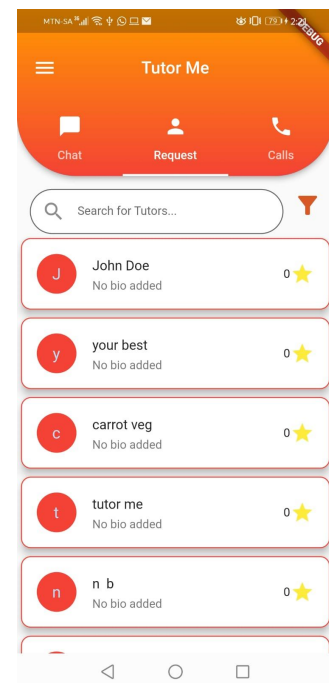
The home page has a navigation bar where you can switch between the **Chat,Request and Calls page** for the tutee and **Chat,Tutees and Calls page** for the tutor.

3.3.1 Chat tab

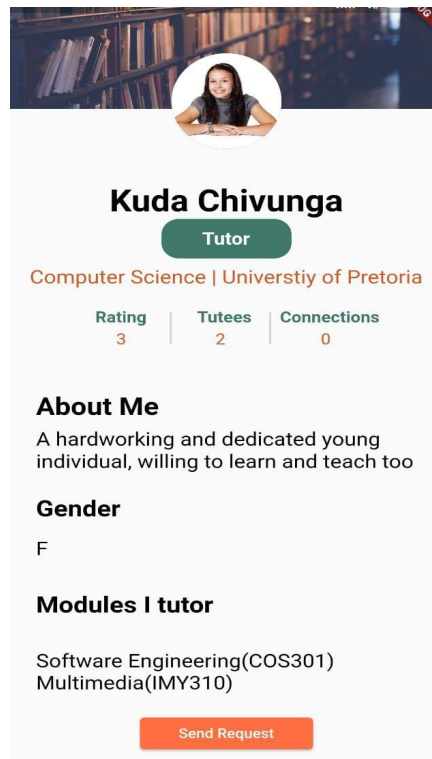


This page presents chats the user has engaged in. This page is similar in both the tutor and tutee pages

3.3.2 Request Page and Tutees Page

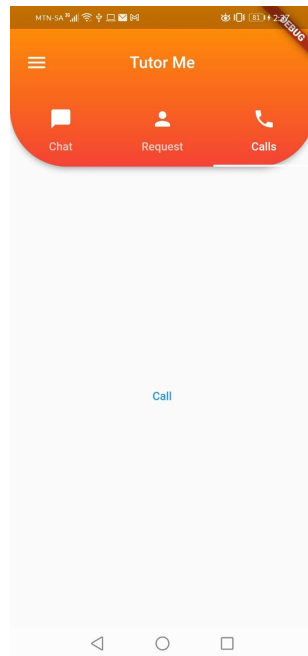


Request Page(Tutee side) - By default, the home page will be on the Request Tab. This page lists all available tutors that are in the system and that have been approved to be valid tutors in the system. The tutee can thereafter search or scroll for Tutors by name. They can filter out the list by age and gender to enable a comfortable learning environment . The tutee can further view the tutors profiles and can request for tutoring once they are satisfied with the tutors attributes.



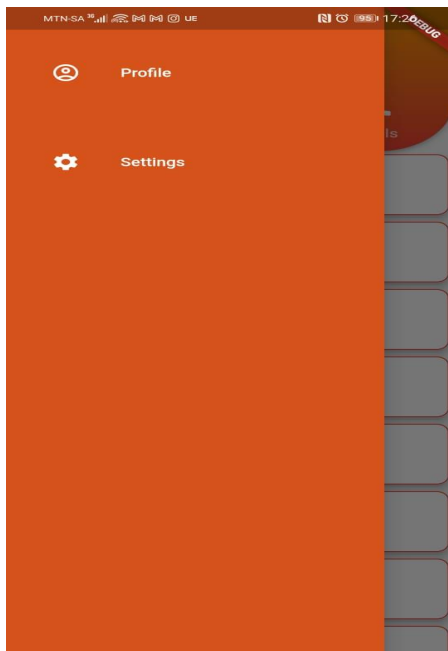
Tutees(Tutor side) - By default, the home page will be on the Tutees Tab. This page lists all available tutees that are connected to this tutor. The tutor can thereafter search or scroll for Tutees by name. The tutor can further view the tutees profiles and can proceed with learning arrangements

3.3.3 Calls Tab



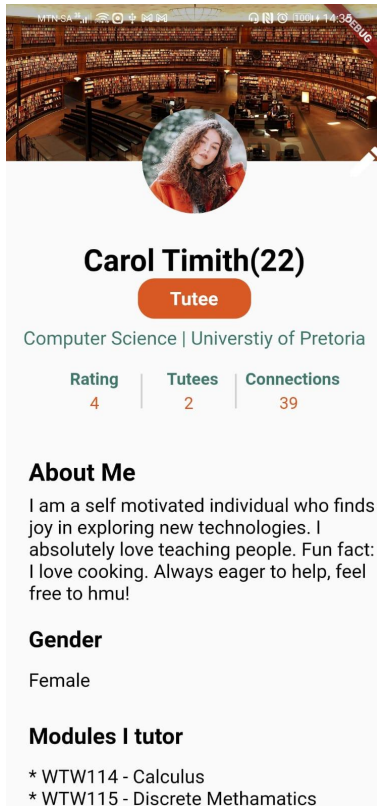
This page is the same for both the Tutee interface and Tutor as it's functionality has not been developed yet. However this page will aid in storing call history and recordings of calls for easier learning purposes.

3.3.4 Menu



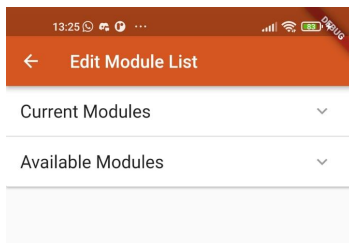
The user can also click on the hamburger menu on the top left of the screen and they would be greeted with a choice between the Settings button that will lead them to the Settings Screen and the Profile button that will lead them to the Profile Screen.

3.4 Profile Screen



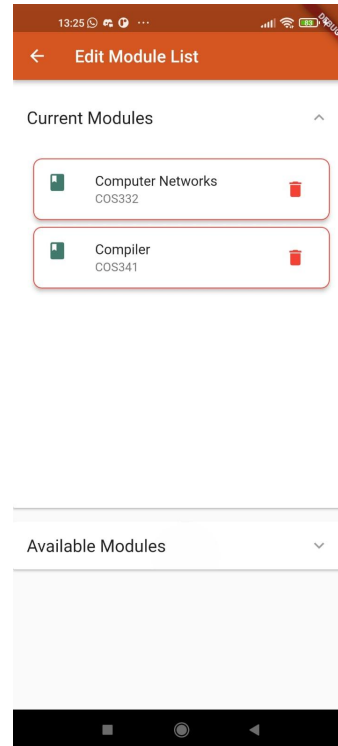
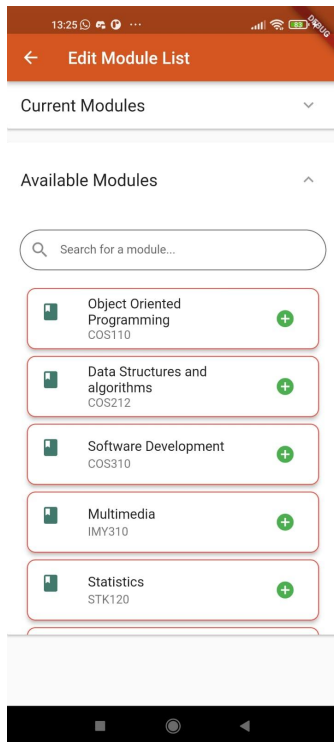
The Profile Screen will contain The users details and contain a button at the bottom to edit their module list.

3.4.1 Edit Module List



If the user clicks on the edit module list button. They would be lead to this page where they can click dropdown menus to see their current modules or available modules.

3.4.2 Available Modules && Current Modules

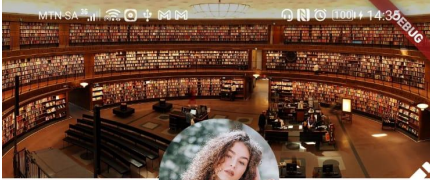


If they click on the Available Modules dropdown menu, they will see a list of Modules that are available to be tutored with a green + button to add them to your Current modules.

If they click on the Current Modules dropdown menu, they will see a list of Modules that are available to be tutored with a red - button to add them back to your Available modules.

3.5 Settings Screen

This page allows for viewing and editing of one's page, this includes the editing of profiles pictures, uploading of Id's and transcripts, Username as well as Bio



Carol Timith(22)

Tutee

Computer Science | Universtiy of Pretoria

Rating	Tutees	Connections
4	2	39

About Me

I am a self motivated individual who finds joy in exploring new technologies. I absolutely love teaching people. Fun fact: I love cooking. Always eager to help, feel free to hmu!

Gender

Female



Modules I tutor

- * WTW114 - Calculus
- * WTW115 - Discrete Methamatics

If the user clicks the editing icon “pen” on the top right corner:
They should be lead to a profile editing page,


MTN-SAT | 中文 | 2:00 PM


2:00 PM



Carol Timith

About Me: I am a self motivated ...

 Upload Latest Transcript

 Upload Id

Save

