



UNIVERSITY
OF MIAMI



UTutorMe

*Reliable and quality
tutoring near you!*



<Problem Statement>

UTutorMe provides students requiring academic assistance with instantaneous access to quality and qualified nearby tutors consisting of previous or current students. Students no longer have to face the overwhelming stress of finding a quality tutor last minute!





/UTutorMe



/Convenience

A student in need
of tutoring
selects their
desired subject



/Reliable

The student is
presented with
nearby, qualified
tutors available



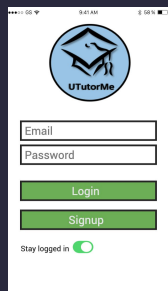
/Secure

The student
selects their
desired tutor, and
communicate to set
up tutoring



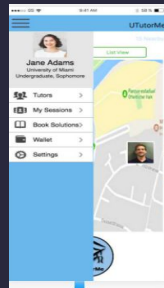


/Functional Requirements



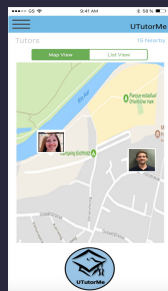
/User sign-up+login

User clicks create account
User is authenticated, screen changes to main page with map view of nearby tutors



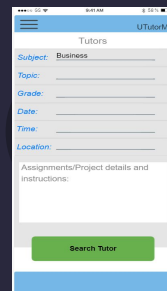
/Toggle Sidebar

Navigation Sidebar opens,
User can switch to Settings, Tutors, My Sessions, Book Solutions, Wallet, & Profile pages



/Display Nearby Tutors

User can click profiles to inspect/book tutor and proceed to payment



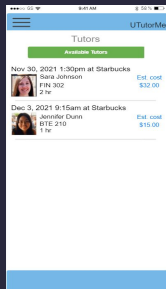
/Book Tutors

User is directed to book session page to insert details regarding session



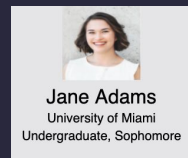


/Functional Requirements



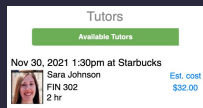
/View Session

Displays details of appointment with tutor, including Full Name, Subject, Cost, Location, Time, and Duration



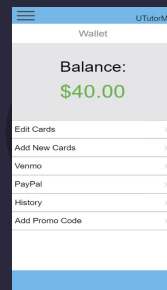
/Inspect Tutor/Student Profile

Displays Full Name, Educational Background, Subject Expertise, Rating



/Track Tutor/Student ETA

Upon Tutor arrival, User is prompted to confirm arrival of tutor. User and Tutor coordinates will be used to ensure both parties are in close proximity (15 meters)



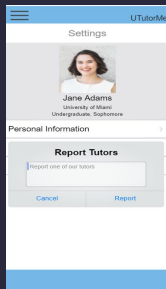
/Pay for Session

Confirms payment details of time, location, tutor details, and cost



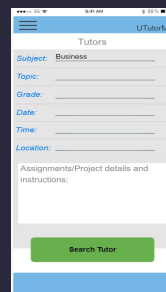


/Non-Functional Requirements



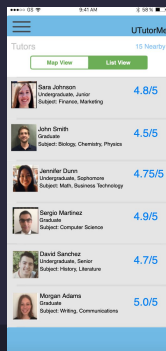
/Report Issues & Concerns

Ensures any error in app can be resolved through reporting via a survey of questions



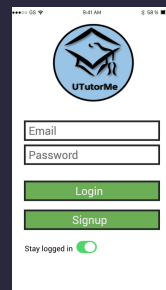
/Sort Available Tutor List by Criteria

A user needs to be able to sort through a desired criteria of Tutors, be it sorted by closest distance, highest rating, specific class, etc.



/Toggle between Map and List View

Users can have the option to select how to view the list of Tutors, be it by spatial location or a sorted list.

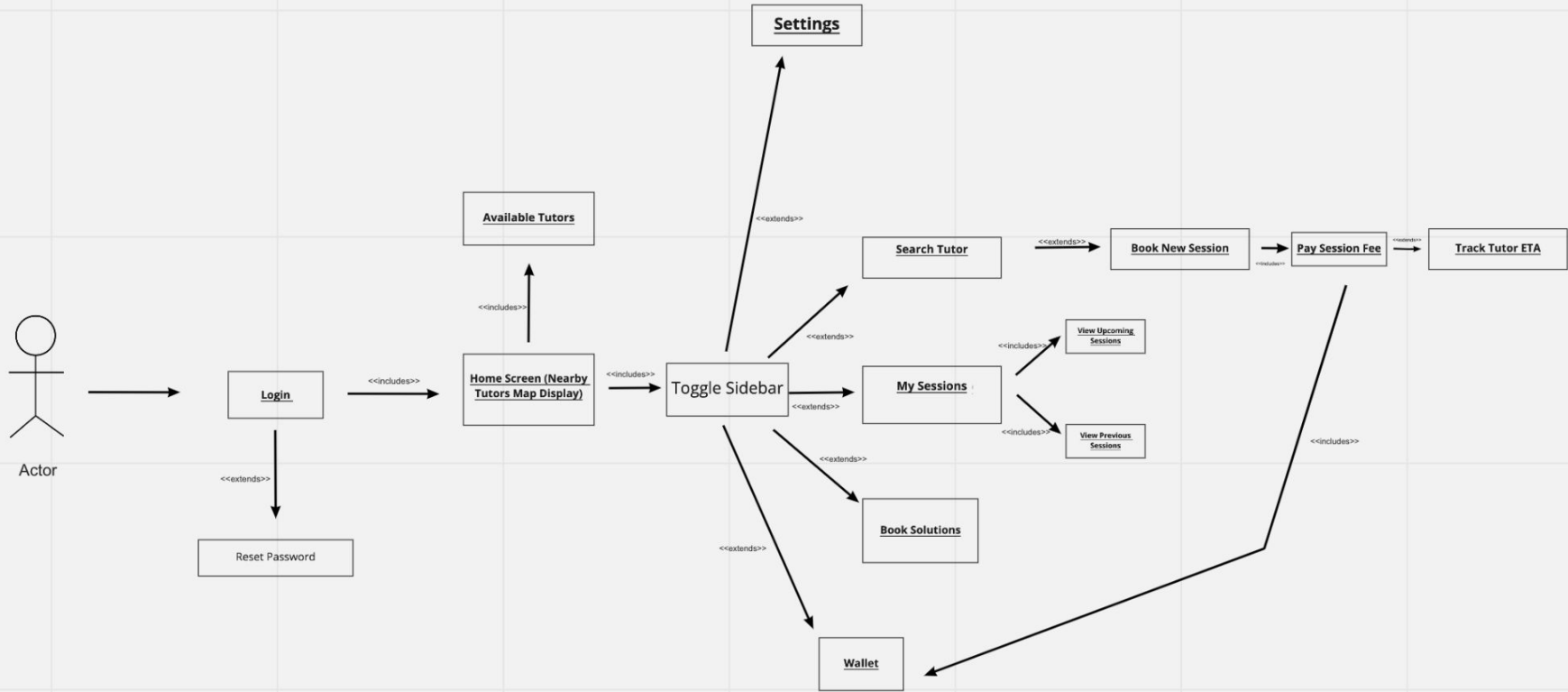


/Keep User Logged In

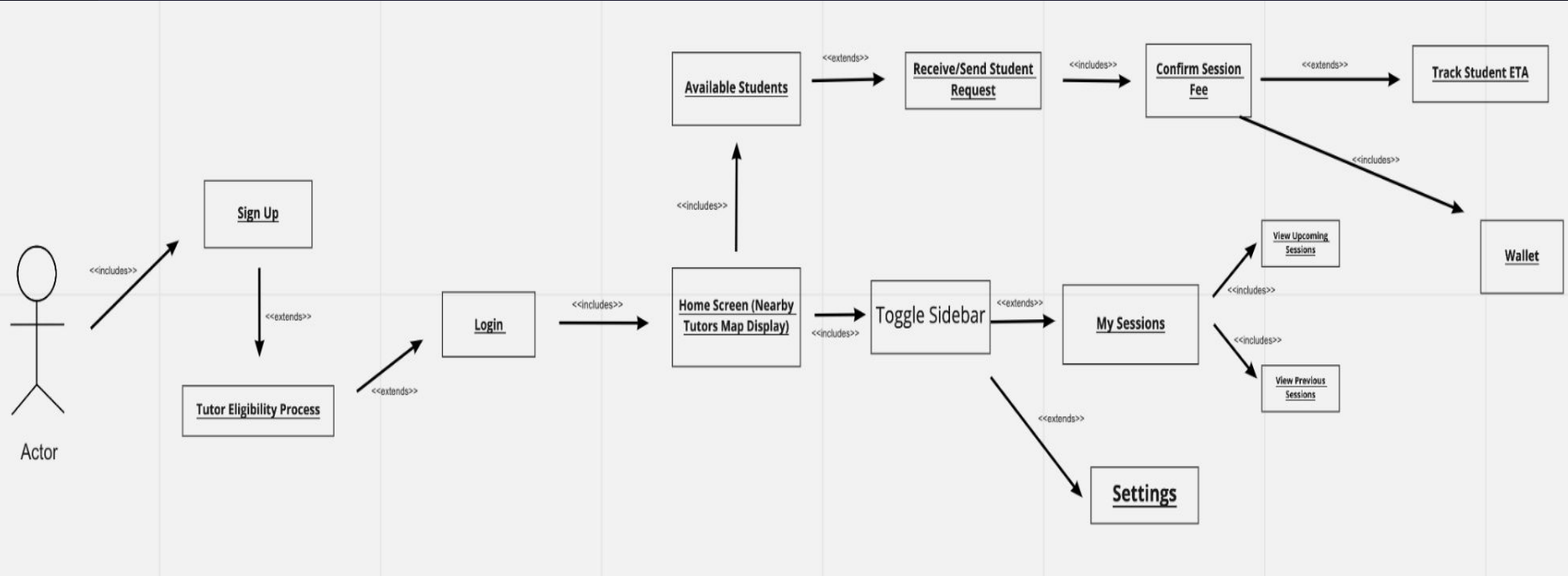
After registering an account, the app should not prompt the user to make a new account. The app should register the user as either a student or Tutor.



/Use Case Diagram



/Use Case Diagram



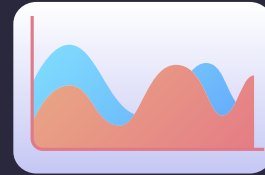


<System constraints>

[Hardware Constraints] - Users can access this app via Phone or Tablet using information such as phone number and geo location

[Platform Constraints] - This application is solely reserved for mobile purposes including IOS and Android.

[Network Constraints] - Must have an internet connection to use

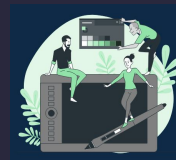
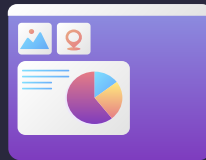




Tool Constraints

[Language Constraint] - React Native (Front End). The front end will be done in React Native in order to create a flawless user experience

[Language Constraint] - Spring Boot (Back End). The back end will be done in Spring Boot due to its ability to make web applications quickly.





/Meet The Team



Rayan N. Excellent



Chris Wu

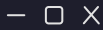


Dido Franceschi



Pavan Gudoor





Questions?

