**My Application**

What is it all about: The application I have chosen to build is a calculator application. Where it may lack in creativity, it makes up for in everyday helpfulness. Along with a calculator, I have also integrated a community based question and answer forum. A calculator may be able to give you answers, but learning how others have solved a certain problem? This application has the potential to provide all that, and more!

Screens: The Login Screen

Now coming to the screens, we begin with a generic login page. This is so that people can use the app’s community feature with their own account. They can create an account and login with their credentials, or just sign in with their google account.

Logo

Sign in with Google

Login

Enter your password

Enter your E-Mail

The Calculator Screen: This screen will enable you to solve mathematical problems, barring equations and algebraic problems.

Tab Navigator has 3 screens, Calculator, Answer and Question screens

**Tab Navigator**

1 2 3 -

4 5 6 +

7 8 9 x

0 /

=

Answer: (Displayed Here)

Question Screen: Now moving on to the community part of the app, the users can ask question on this screen. They can write the question, and then click on the submit button.

Write your question here, so that it can be answered!

Submit!

Tab Navigator

Answer Screen: Here’s the part where users can help each other and answer questions.

Question: What’s 3-x = 2?

Drawer Navigator

Home

Profile

Stats

Logout

In the drawer navigator, I will have 4 options, Home, Profile, Logout and Stats.

The Profile Screen is the first page the user sees when they login. It shows the user’s first name, last name and gives the option to set the light or dark theme. The home screen lets the user go to the home page. The logout screen lets the user log out. The Stats page lets the user see how many questions they have asked, and how many answers they have given throughout their account’s life span.

Submit

That number is Euler’s number.

Tab Navigator

Answer

Question: How do we explain e∏i?

Answer

Takeaway: An arduous subject like mathematics can be made fun and interactive using a social-media like application which is much more than a boring calculator. This app helps people understand the gift of community. Things like exams are a competition, trying to do better than the rest. Here, helping each other and receiving help is the reason one may join.

Thank you.