

# Cross Platform Application Development

Assignment - 1

Group - 1

## NAME

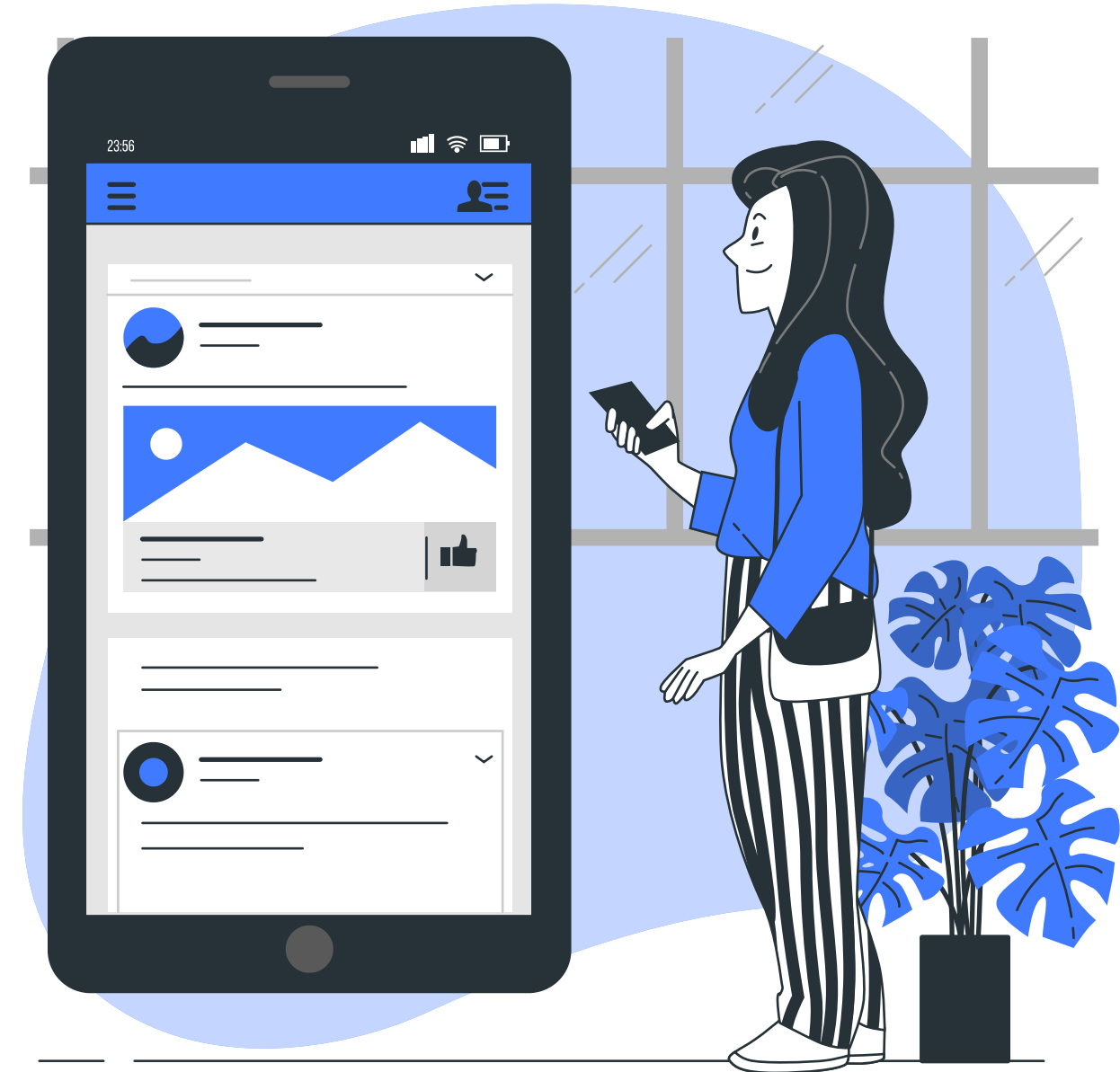
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## ENROLLMENT NO.

2020SP93043  
2020SP93017  
2020SP93016  
2020SP93003

# Netpix

Share pics on Netpix



# About Netpix



**Netpix** is a fully functional social media platform that connects users from different parts of the world.

Using this platform, users can upload photographs and follow other users' feeds.

This application is available both on iOS and Android devices and is built using Flutter and Firebase.

# Features



✕ Custom Photo Feed

✕ Post Photos

From Camera or gallery

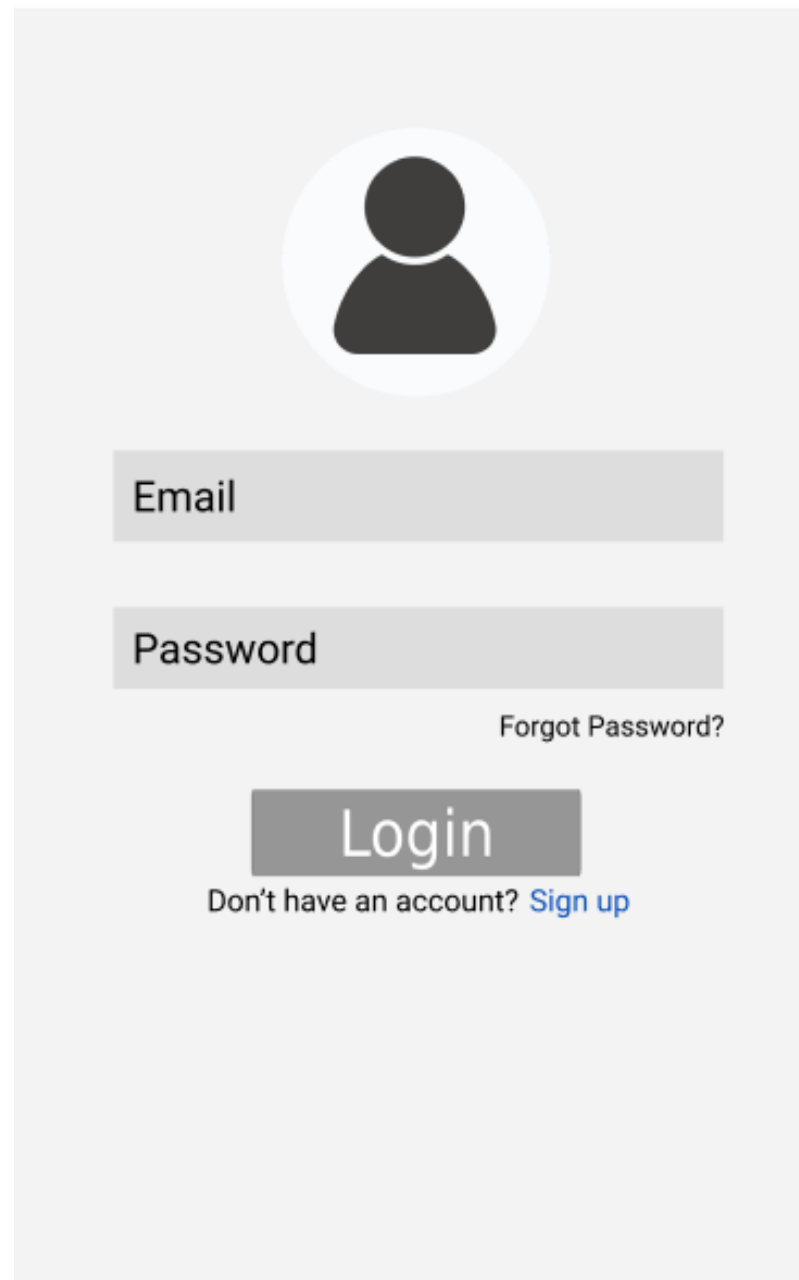
✕ User engagement

- Like / comment on a post.
- View likes & comments on a post.
- Follow/Unfollow users.

✕ Profile

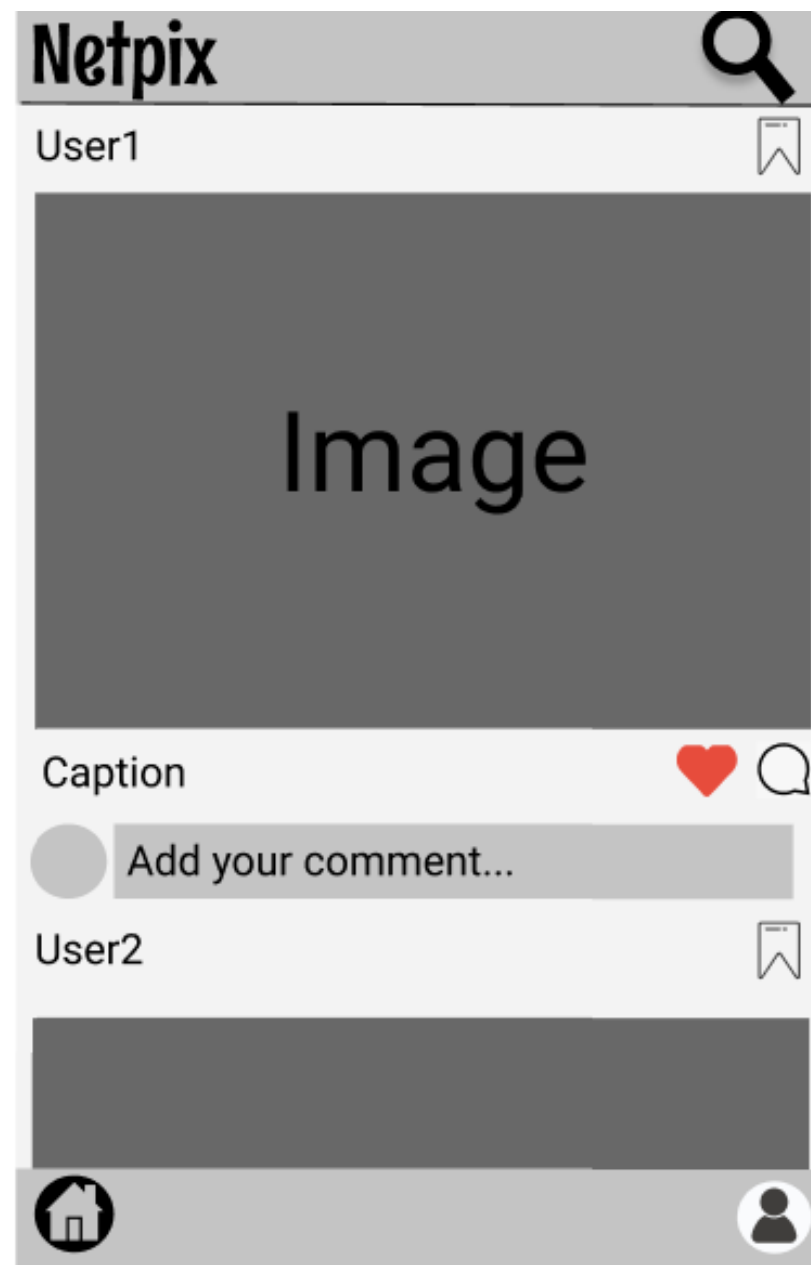
- Edit your profile
- Add your own bio

# Design



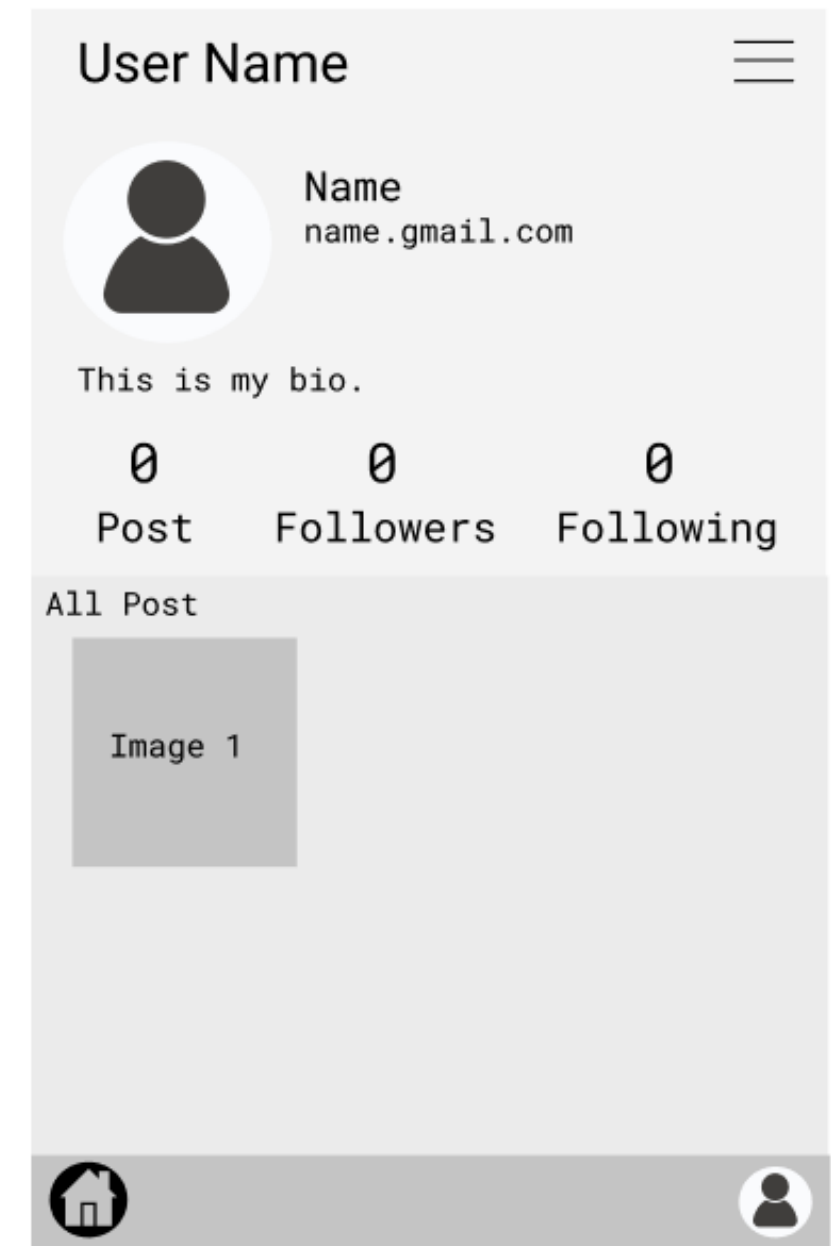
A login page UI mockup. At the top is a circular profile icon placeholder. Below it are two input fields labeled 'Email' and 'Password'. To the right of the password field is a link 'Forgot Password?'. Below the inputs is a 'Login' button. At the bottom, there is a link 'Don't have an account? Sign up'.

Login Page



A feed page UI mockup. The header has the app name 'Netpix' and a search icon. Below the header is a post by 'User1' with a bookmark icon. The post features a large 'Image' placeholder, a 'Caption', a red heart icon, and a comment icon. Below the post is a comment input field with a circular avatar placeholder and the text 'Add your comment...'. Below the comment field is another post by 'User2' with a bookmark icon. At the bottom is a navigation bar with a home icon and a profile icon.

Feed Page



A profile page UI mockup. The header shows 'User Name' and a menu icon. Below the header is a profile section with a circular avatar placeholder, the text 'Name name@gmail.com', and a bio 'This is my bio.'. Below the bio are three statistics: '0 Post', '0 Followers', and '0 Following'. Below the statistics is a section titled 'All Post' containing a post with an 'Image 1' placeholder. At the bottom is a navigation bar with a home icon and a profile icon.

Profile Page

# Technology Used

- 01 Frontend: **Flutter and Dart**
- 02 Backend: **Firebase**
- 03 Auth: **Social login, Firebase Auth**
- 04 Backend frameworks: **REST-Firebase-Serverless**

