# Milestone 1 Presentation

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# Functional Requirements

- Authorization
  - Create a new account with email and password
  - Sign in with email and password
- User profile management
  - Add personal data (bio, interests)
  - Edit and delete personal data
- Post creation
  - Upload (multiple) pictures taken
    - Queue photos if device is offline
  - Mention people with tags
  - Add hashtags
  - Edit or delete posts

*Instagram*

Sign up to see photos and videos from your friends.

**f  Log in with Facebook**
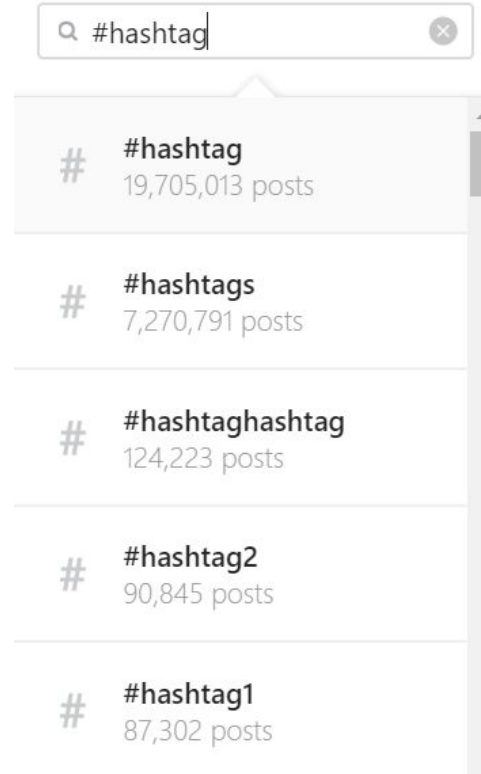
OR

Mobile Number or Email

Full Name

Username

Password

**Sign up**

By signing up, you agree to our Terms , Data Policy and Cookies Policy .
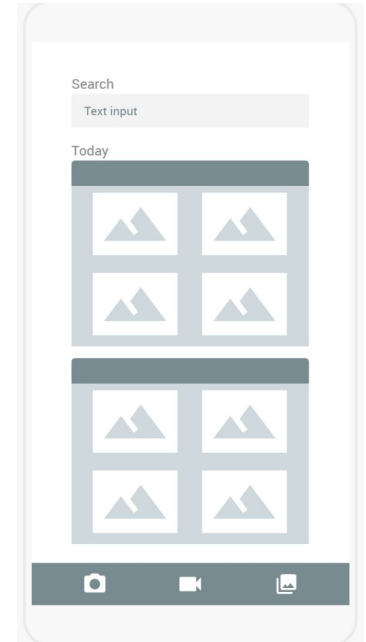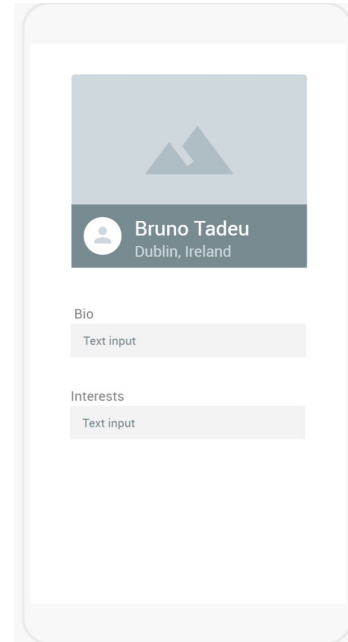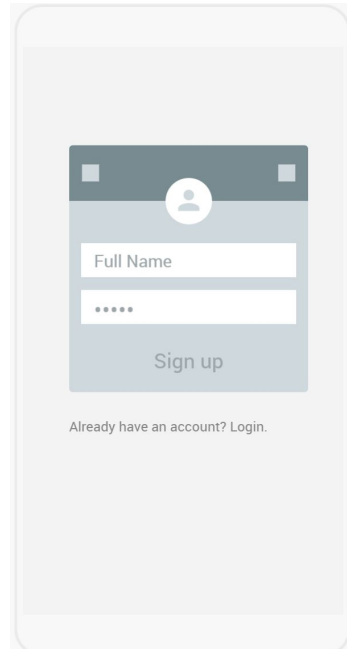
# Functional Requirements

- Activity feed
  - Follow and unfollow people to adjust feed
  - React (multiple reactions) to a post
- Search feature
  - Search based on username, hashtags

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- Audio with photos/posts
- Photo editing
  - Apply filters to photos
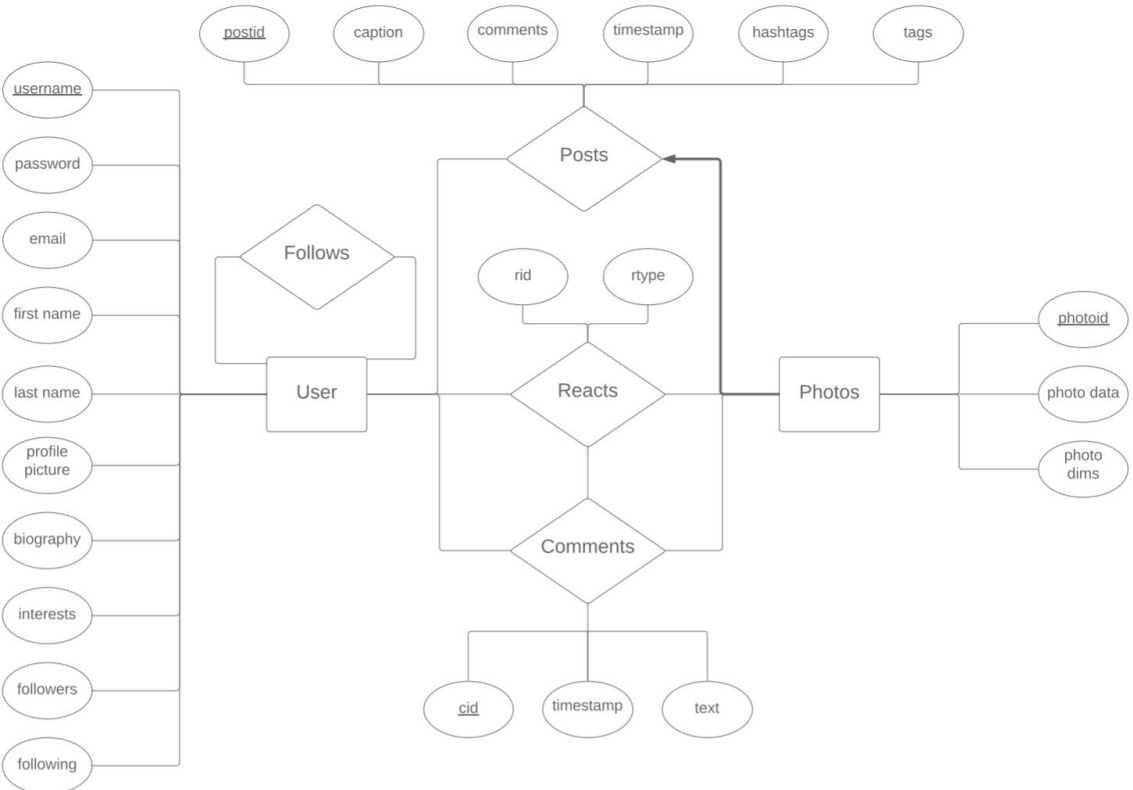- Notifications
  - Email notifications for new followers

# Application Overview

- Login screen
- Edit user profile
- Activity feed
- Post view
- Profile view
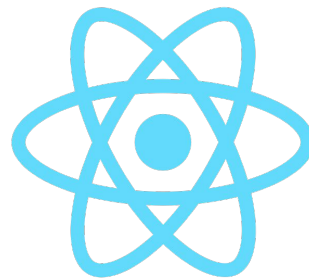
# Entity Relationship Diagram

# Technology Stack

- Firebase
  - Real time database
  - Authentication libraries
  - Image storage
- React Native
  - Cross platform
  - UI libraries
  - Faster than hybrid applications
- Expo
  - Makes it easier to run apps directly on mobile devices
    - Simple scan a QR code
  - Issues: Very buggy.  Lots of random issues

# Demonstration