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
Functional Requirements

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