



StringShare

A new way to connect

Group 7

Lyba Mughees

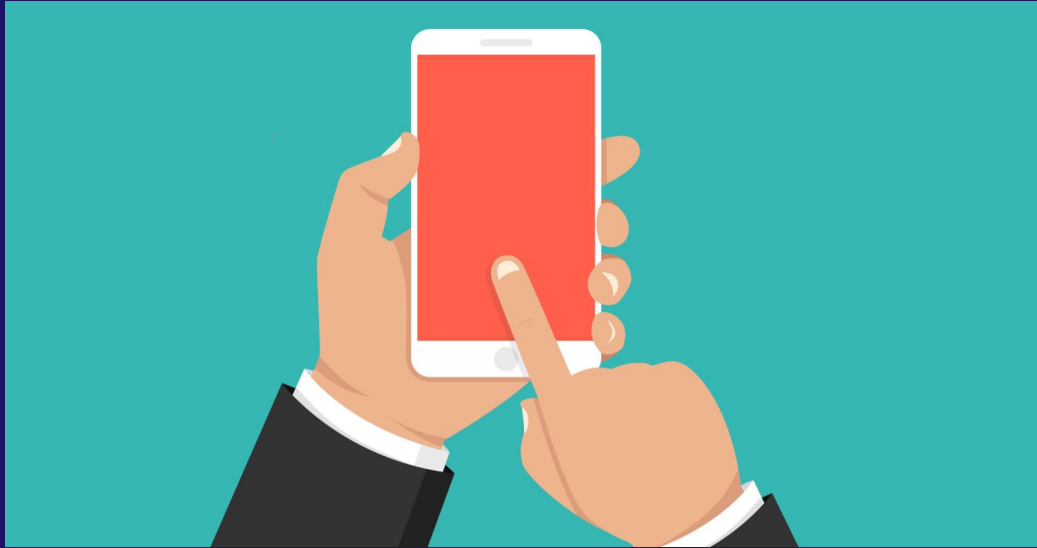
Daanyaal Tahir

Hima Paul

Jean-Paul Saliba

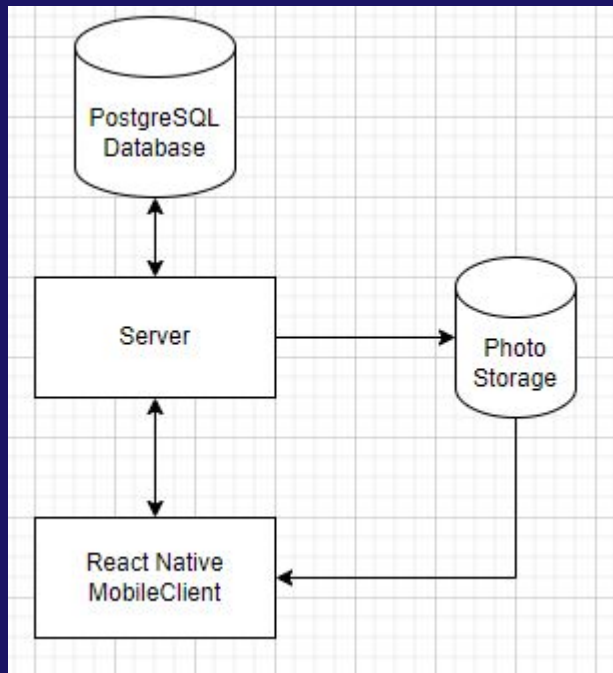
Massimo Albanese

Introduction



- ❏ Innovative Platform
- ❏ Connectivity
- ❏ User Empowerment
- ❏ Versatility

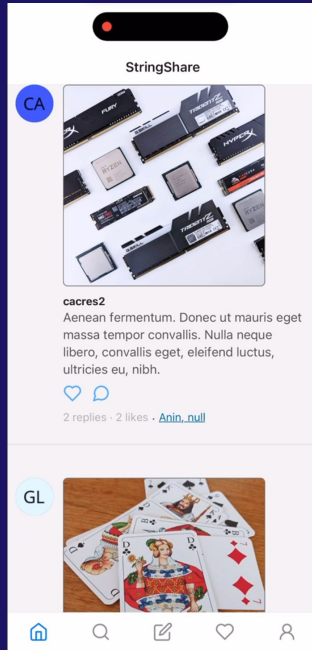
Architecture



Components:

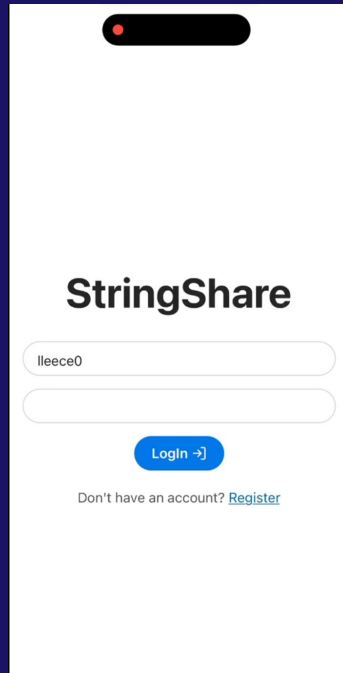
- ❑ Database (PostgreSQL)
- ❑ Server
- ❑ Mobile Client
- ❑ Photo Storage

User Interface: Navigating Social Connectivity with Ease



- ❑ **Intuitive Interface:** Achieved through Gluestack UI
- ❑ **Versatile Tasks:** Users can effortlessly perform tasks
- ❑ **Organized Tabs:** The interface incorporates organized tabs
- ❑ **Effortless Navigation:** Users can navigate through various features

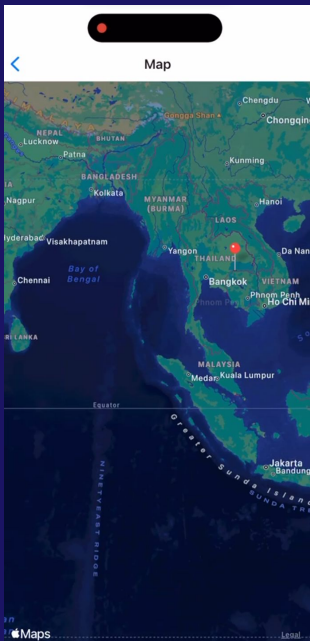
Authentication



A mobile app login screen for 'StringShare'. It features a white background with a black status bar at the top. The app name 'StringShare' is centered in bold black text. Below it are two white input fields with rounded corners. The first field contains the text 'leece0'. Below the input fields is a blue rounded button with the text 'Login →'. At the bottom, there is a link that says 'Don't have an account? [Register](#)'.

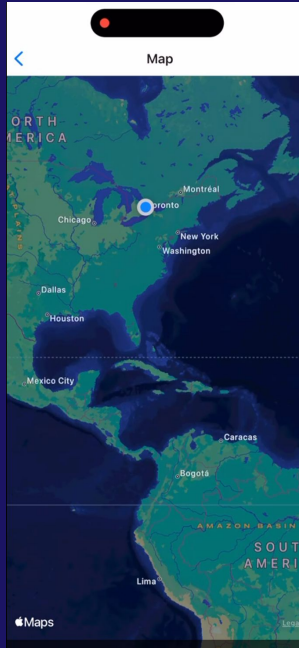
- ❏ Access Requirement
- ❏ Authentication Technologies
- ❏ OAuth2 Integration
- ❏ Security Measures
- ❏ Password Hashing and Salting

Maps: Redefining Location-Based Posts



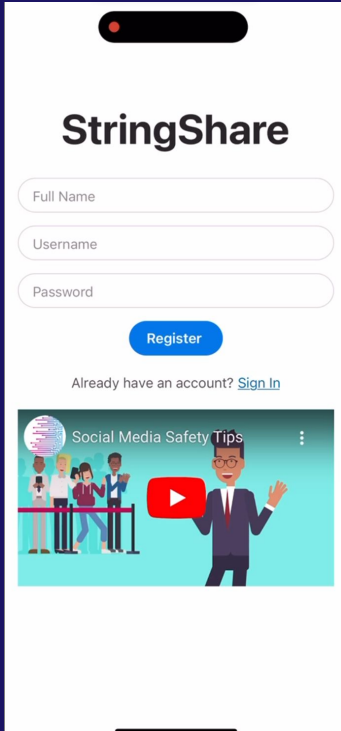
- ❑ Location Association
- ❑ Visual Mapping
- ❑ Directions Dialogue
- ❑ Seamless Navigation Integration
- ❑ Enhanced User Experience

Mobile Sensor (GPS): Dynamic Location Visualization



- ❑ GPS-Based Visualization
- ❑ Real-time Representation
- ❑ Functional Boost

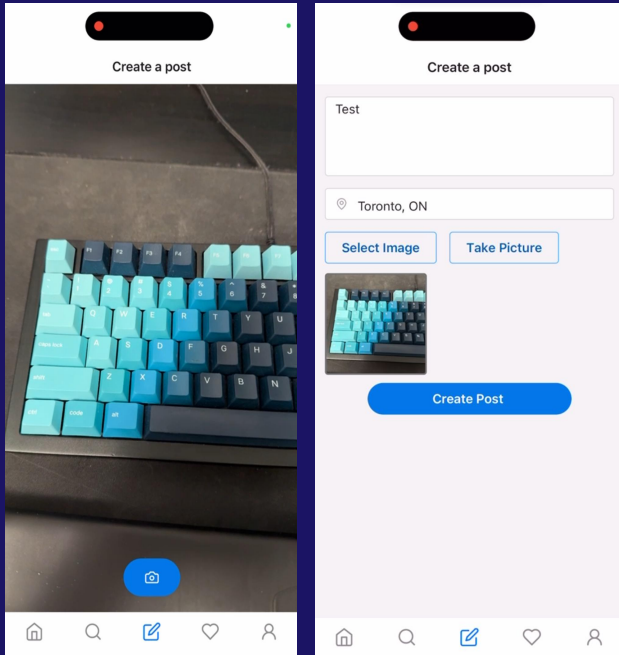
Video & Audio



A mobile app registration screen for 'StringShare'. At the top is a black notch bar. The app name 'StringShare' is centered. Below it are three rounded rectangular input fields for 'Full Name', 'Username', and 'Password'. A blue 'Register' button is positioned below the password field. Below the button, the text 'Already have an account? [Sign In](#)' is displayed. At the bottom is a video player showing a thumbnail for 'Social Media Safety Tips' with a red play button icon. The video player has a white progress bar at the bottom.

- ❑ Educational Video
- ❑ Multisensory Elements

Camera



- ❑ Visual Enhancement
- ❑ Photo Attachment Options
- ❑ Creative Expression
- ❑ Versatility of Use

Databases



- ❑ PostgreSQL Database
- ❑ Central Repository
- ❑ Secure User Profiles
- ❑ Multimedia Content Storage

Demo



- Now all the components described will be demonstrated in a live demo