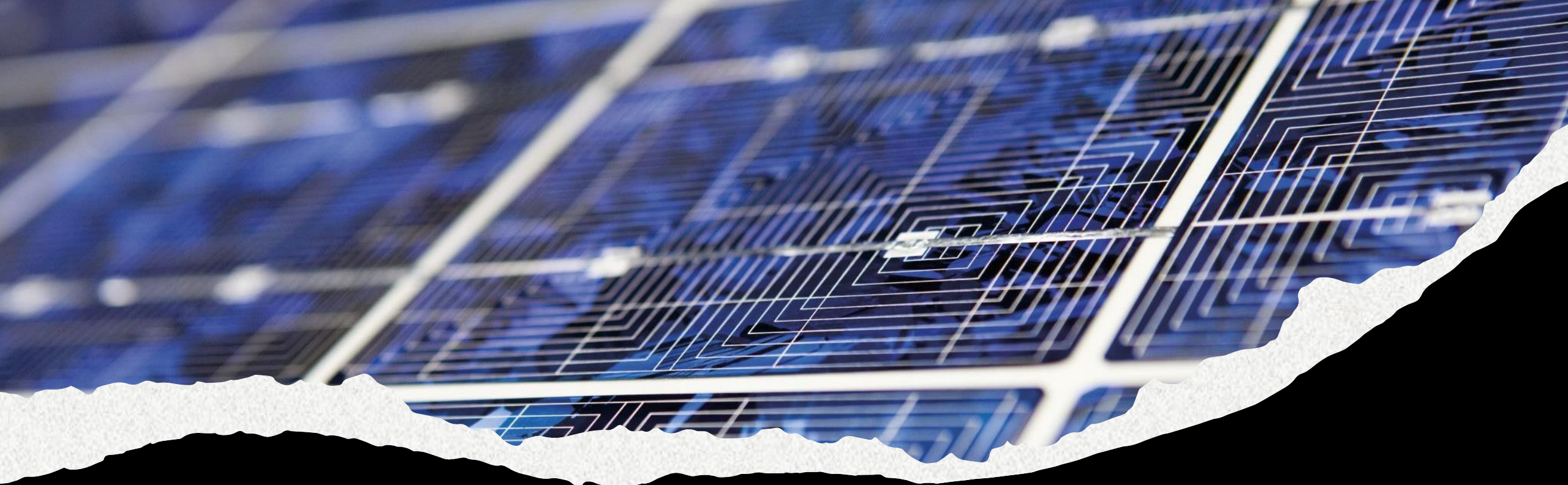




SCVOTE

# Student Council Voting System

Developed and Presented by  
Prathaam Modi



# Technology Used

- Android Studio
- Android Mobile Device
- Google Firebase
- Windows 10 based Laptop
- Java Programming Language

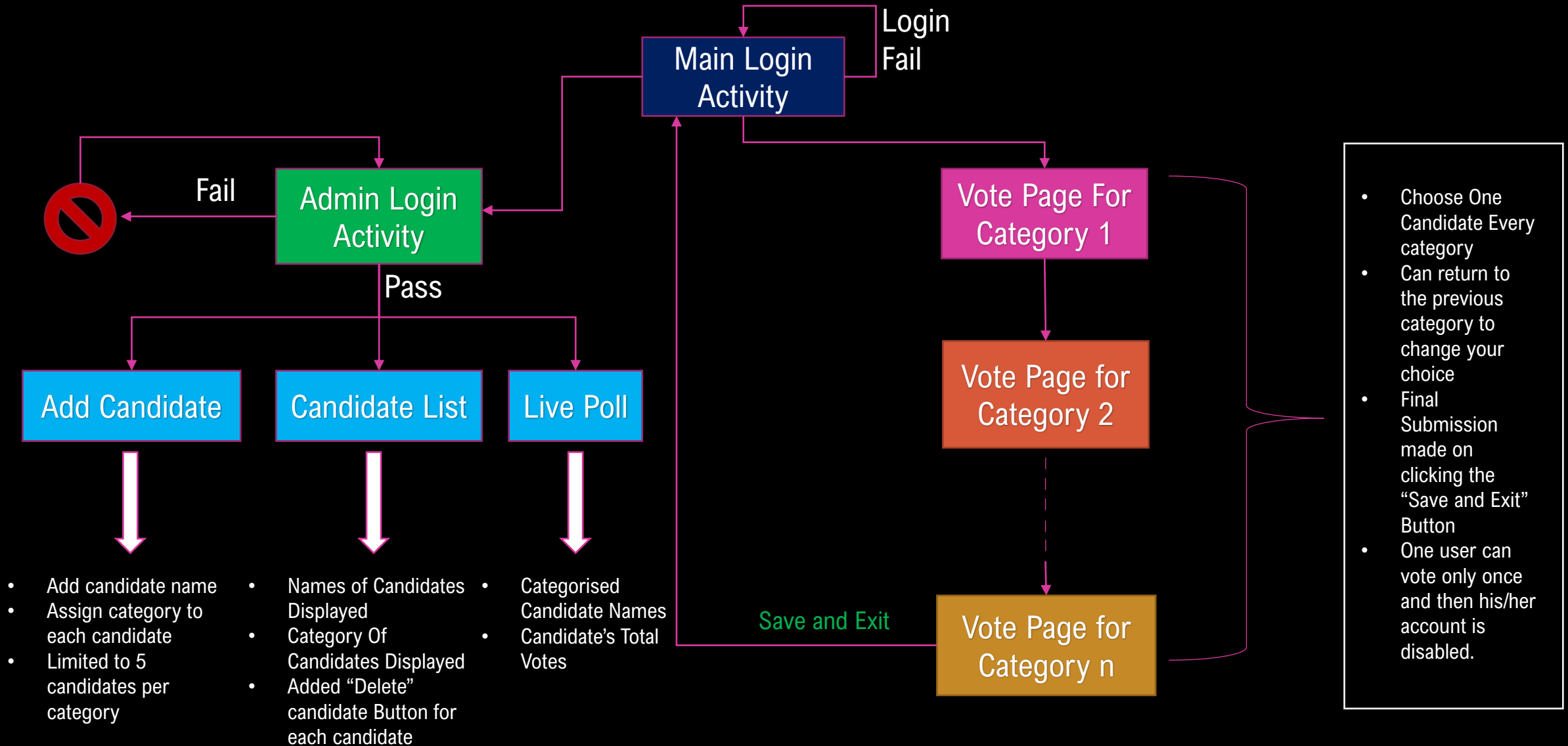


## **Features Offered**

- Realtime Database Connection
- Realtime Candidate Add and Delete for Admin
- Live Poll Analytics for Admin
- Minimalistic UI
- Email/Password Authentication
- One Vote One Person Scheme



# Flowchart of the App flow



# Startup Activity

**Student Council  
Voting System**

Enter Official Email

name\_regno@smit.smu.edu.in

Enter Password

20\*\*\*\*\*

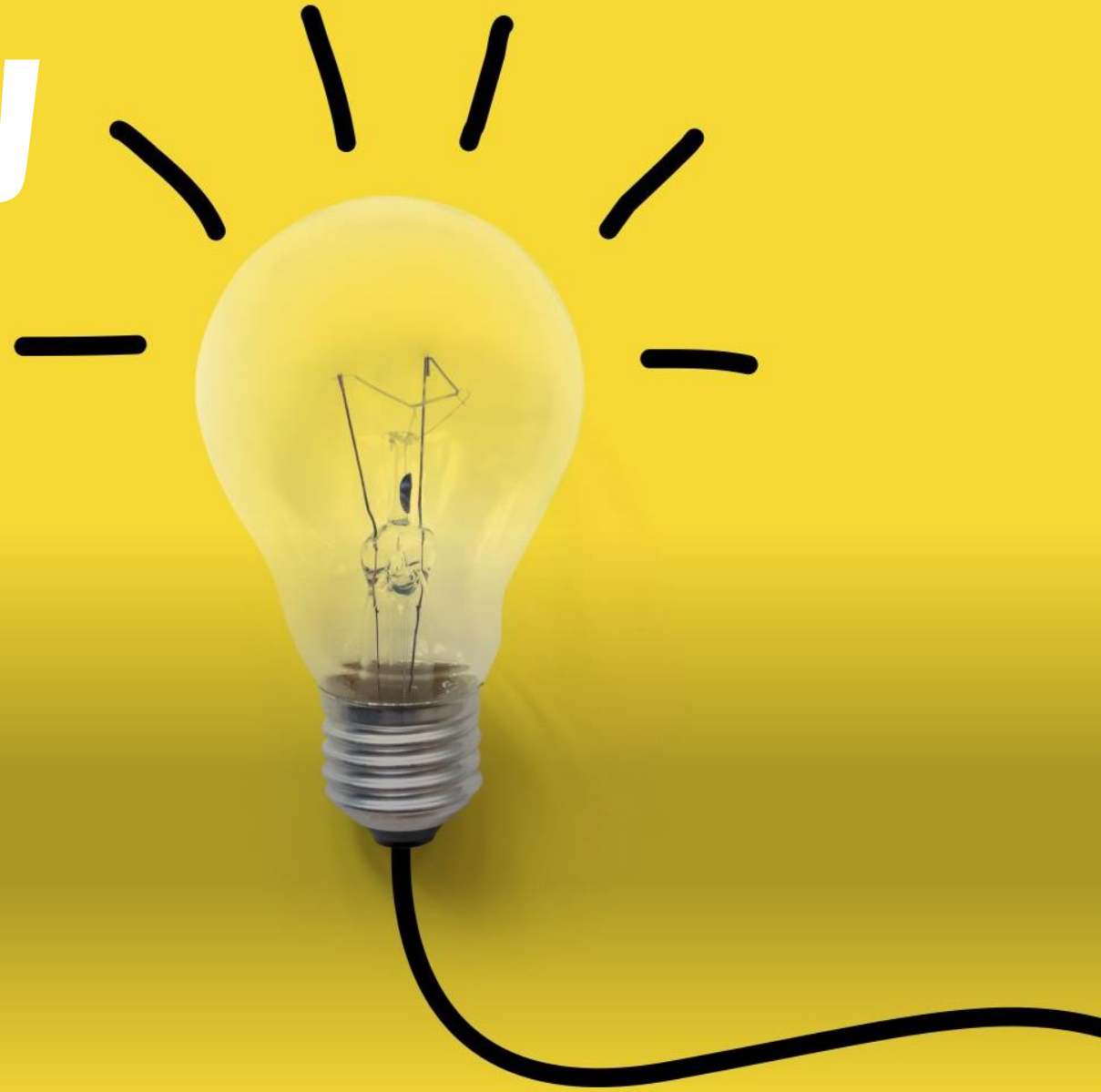
LETS VOTE!

Once You Submit your votes, they will be final. One User can vote only once. For any issue faced during the process, contact the Admin. Use your own Email ID.

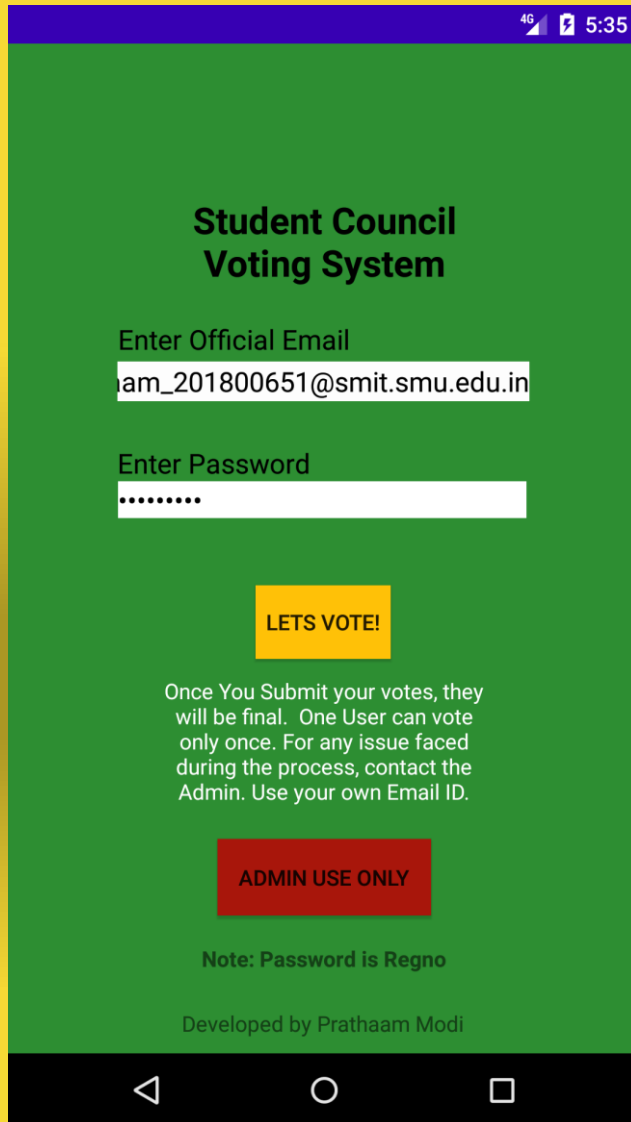
ADMIN USE ONLY

Note: Password is Regno

Developed by Prathaam Modi



# Startup Activity



4G 5:35

## Student Council Voting System

Enter Official Email

am\_201800651@smit.smu.edu.in

Enter Password

.....

**LETS VOTE!**

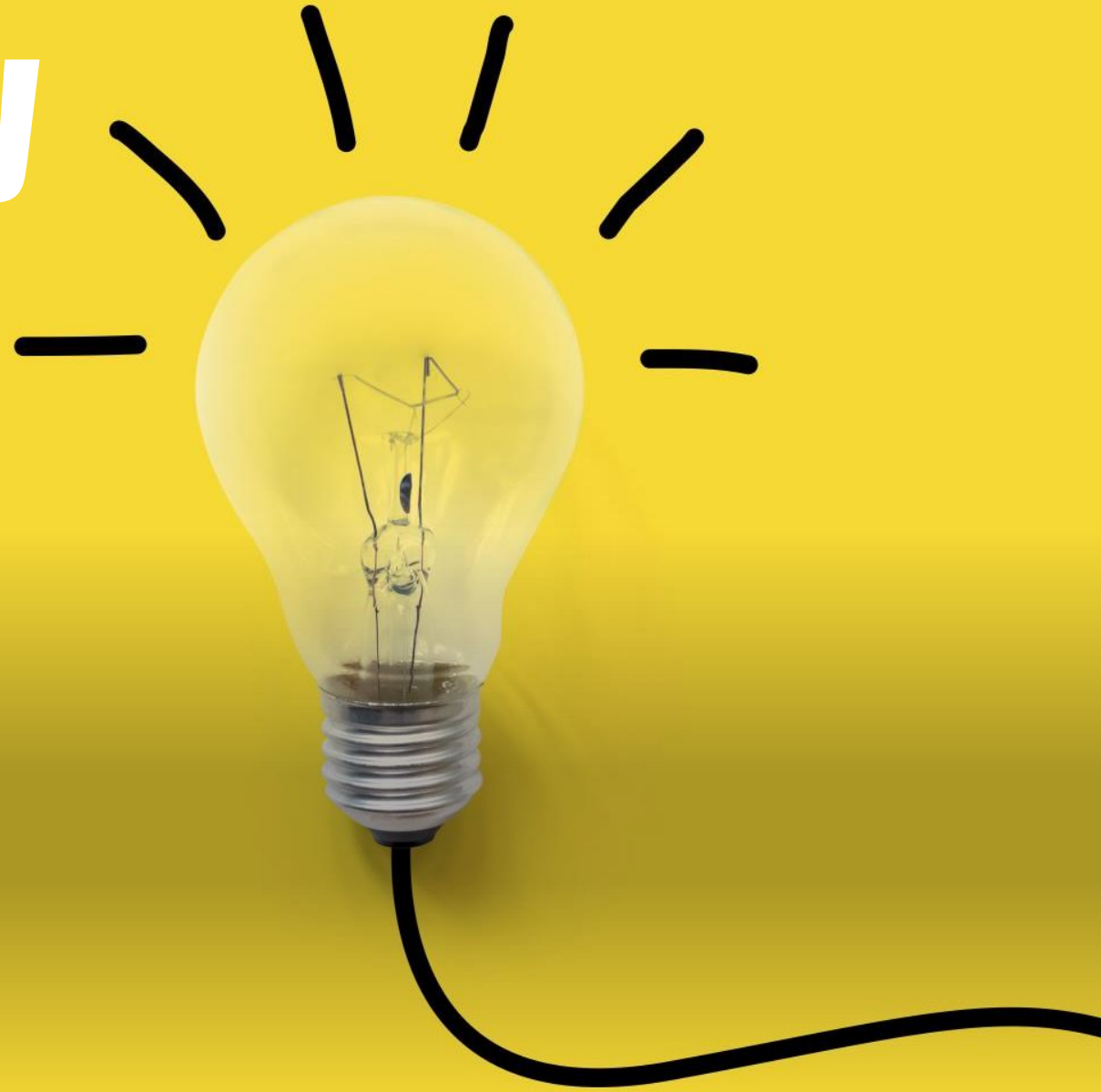
Once You Submit your votes, they will be final. One User can vote only once. For any issue faced during the process, contact the Admin. Use your own Email ID.

**ADMIN USE ONLY**

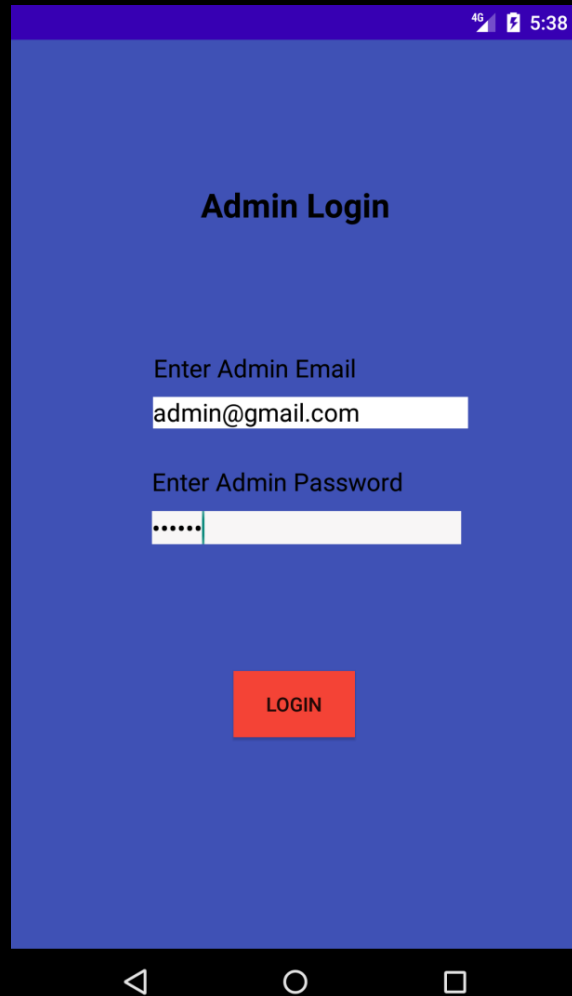
**Note: Password is Regno**

Developed by Prathaam Modi

Navigation icons: back, home, app drawer



# Admin Side Activity



4G 5:38

**Admin Login**

Enter Admin Email

admin@gmail.com

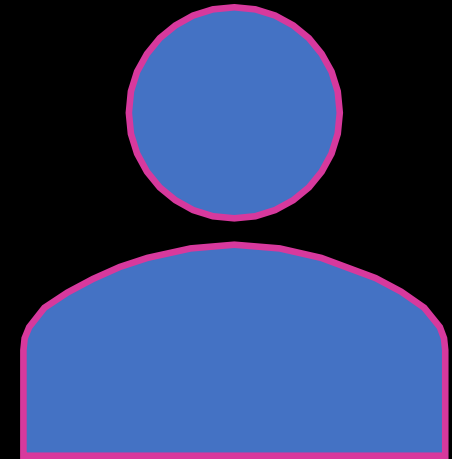
Enter Admin Password

.....

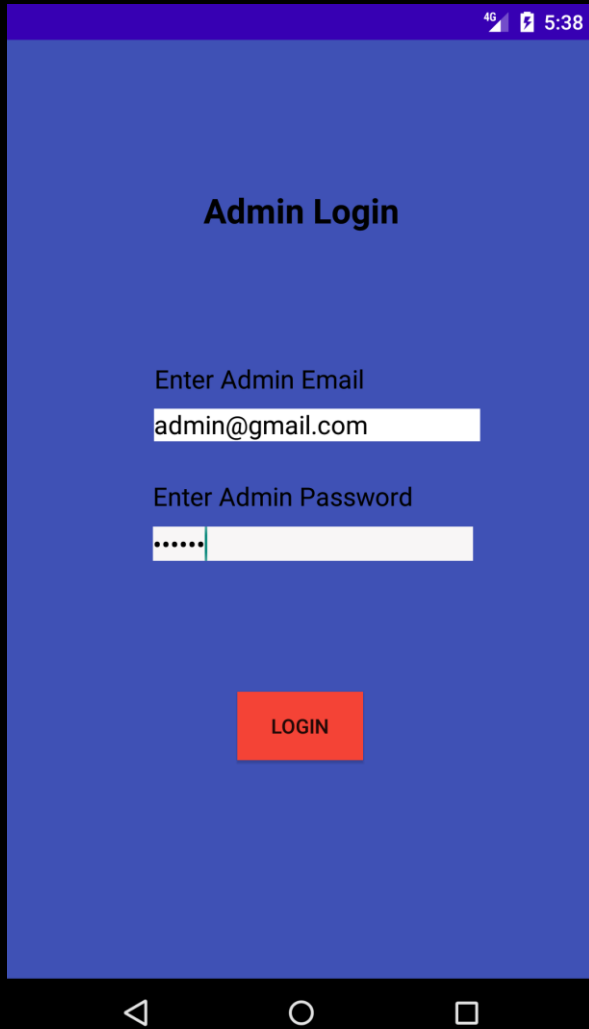
**LOGIN**

Navigation icons: back, home, recent apps

Assigned Admin Id  
and Password only to  
be used for  
Authentication



# Admin Activity - Actions



Admin Login

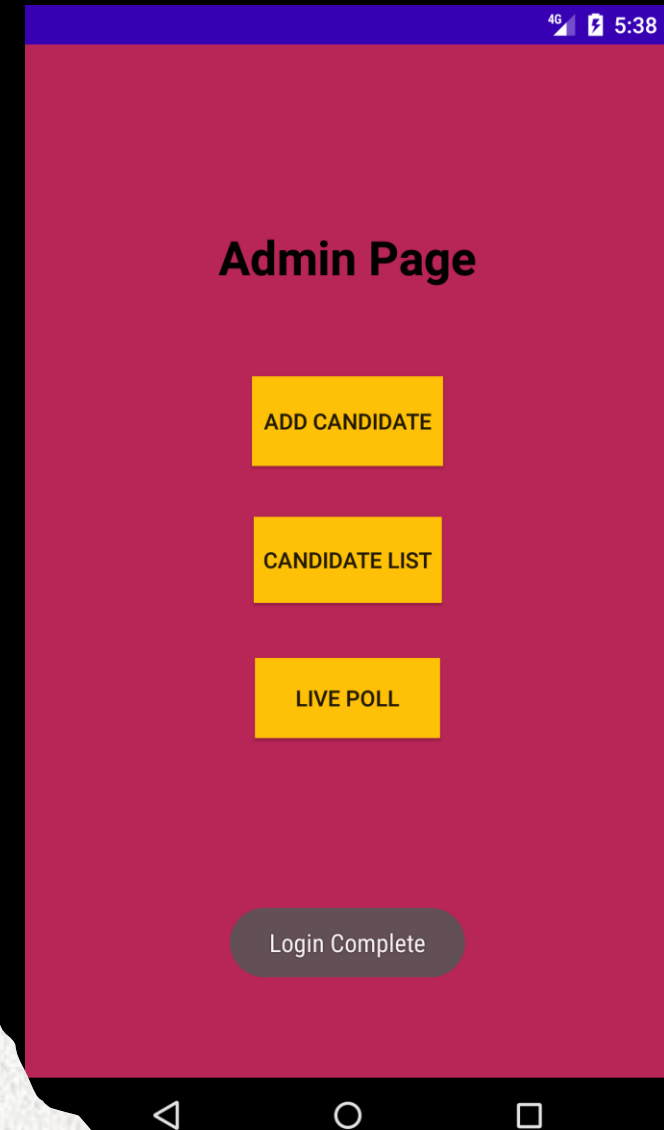
Enter Admin Email  
admin@gmail.com

Enter Admin Password  
.....

LOGIN

The screenshot shows a mobile app interface for admin login. It has a blue background. At the top, there's a status bar with '4G', a battery icon, and the time '5:38'. Below the title 'Admin Login', there are two input fields: one for 'Enter Admin Email' containing 'admin@gmail.com' and another for 'Enter Admin Password' with masked characters '.....'. A red 'LOGIN' button is at the bottom. The Android navigation bar is visible at the very bottom.

Authentication Passed!



Admin Page

ADD CANDIDATE

CANDIDATE LIST

LIVE POLL

Login Complete

The screenshot shows the 'Admin Page' after successful login. It has a pink background. At the top, there's a status bar with '4G', a battery icon, and the time '5:38'. Below the title 'Admin Page', there are three yellow buttons: 'ADD CANDIDATE', 'CANDIDATE LIST', and 'LIVE POLL'. At the bottom, there's a grey button that says 'Login Complete'. The Android navigation bar is visible at the very bottom.



## Add Candidate

Enter Candidate Name

Candidate Position

☐ General Sec

☐ Literary Sec

☐ Vice President

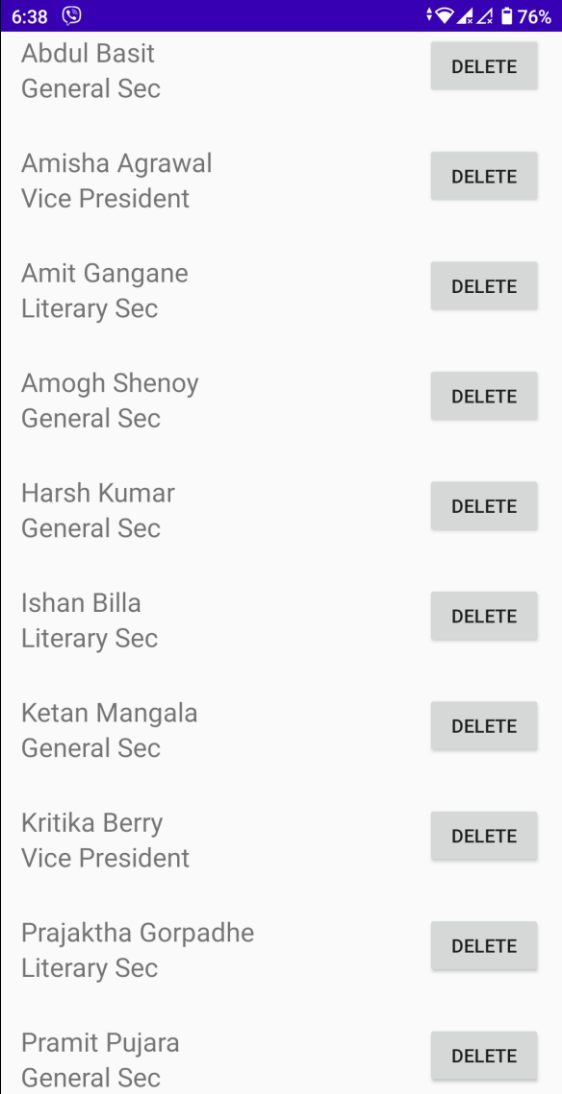
ADD CANDIDATE

# Add Candidate

- For Demo Only 3 Elective Positions have been demonstrated.
- The admin can type in the name of the Candidate and choose his/her respective Position he/she is fighting for.

# Candidate List

- The admin can view all the Candidates added in the database
- The admin can also delete the Candidate if the situation is asking for such an action.



The image shows a mobile application interface for a 'Candidate List'. The app has a purple header bar with the time '6:38', a status bar icon, and a battery level of '76%'. The main content area is white and displays a list of candidates. Each candidate's name and role are listed, followed by a grey 'DELETE' button. The candidates are: Abdul Basit (General Sec), Amisha Agrawal (Vice President), Amit Gangane (Literary Sec), Amogh Shenoy (General Sec), Harsh Kumar (General Sec), Ishan Billa (Literary Sec), Ketan Mangala (General Sec), Kritika Berry (Vice President), Prajaktha Gorpadhre (Literary Sec), and Pramit Pujara (General Sec).

Name	Role	Action
Abdul Basit	General Sec	DELETE
Amisha Agrawal	Vice President	DELETE
Amit Gangane	Literary Sec	DELETE
Amogh Shenoy	General Sec	DELETE
Harsh Kumar	General Sec	DELETE
Ishan Billa	Literary Sec	DELETE
Ketan Mangala	General Sec	DELETE
Kritika Berry	Vice President	DELETE
Prajaktha Gorpadhre	Literary Sec	DELETE
Pramit Pujara	General Sec	DELETE



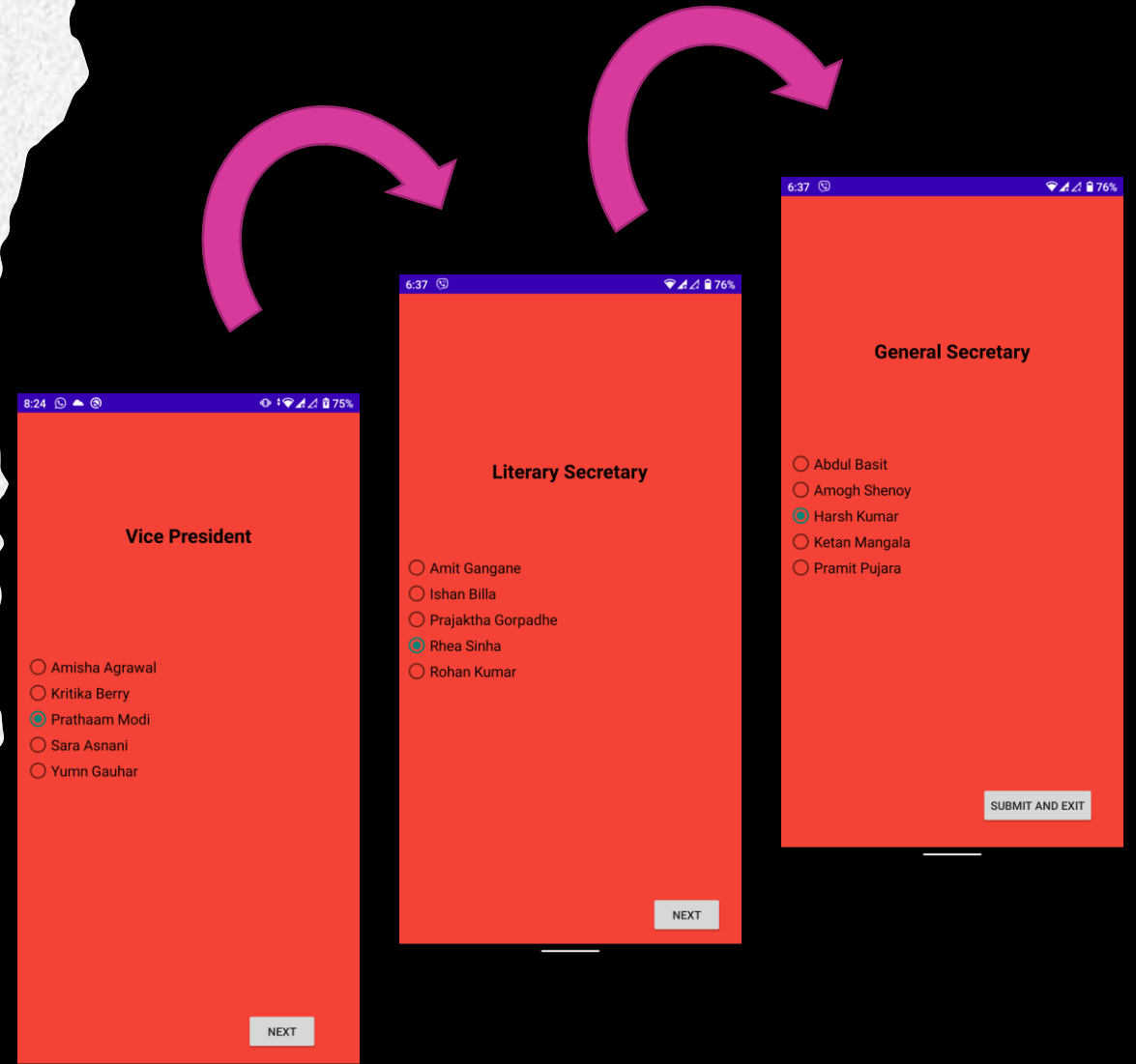
Vice President	
Amisha Agrawal	0
Kritika Berry	0
Prathaam Modi	1
Sara Asnani	0
Yumn Gauhar	0
Literary Sec	
Amit Gangane	0
Ishan Billa	0
Prajaktha Gorpadhe	0
Rhea Sinha	1
Rohan Kumar	0
General Sec	
Abdul Basit	0
Amogh Shenoy	0
Harsh Kumar	1
Ketan Mangala	0
Pramit Pujara	0

# Live Poll

- The admin can have the Live Poll of each category with the total votes earned by each respective candidates beside their name
- These votes are updated dynamically and on a Realtime Database using the Transaction System.

# Voting Of Candidates

- The Student can vote for one candidate per category
- He / She can also chose not to vote by not choosing any candidate
- On Clicking Submit and Exit, The database is updated with the votes.
- The student's account is then disabled to prevent re-voting form the same account.



# Thankyou

Project Developed and  
Demonstrated by

Prathaam Modi (3<sup>rd</sup> Year, CSE, SMIT)