

PARLIAMENTARY ELECTIONS(ANDROID)

Probably all of us are damn excited about our first parliamentary elections in which most of us (18+ content XD) gonna vote for the first time. So in this air of politic……s prevailing currently in the nation, lets us try to understand the concept and structuring of the election process. Developing an Android application for the same will help us more. The description for the app is as follows:

Necessary features:

- A login, registration system for users where all new voters/users can register themselves with a unique ID (For e.g. Aadhaar no.) and other mandatory information. No two users should have the same ID. You can think of it as a login screen guiding them to another fragment to fill in ID details and wait till it is verified.
- There ought to be a separate implementation (a separate app or separate role after authentication (by guiding them to separate fragments)) for the electoral officials. Its functionalities must include:
 - Verification of user data provided and updating the database.
 - Deleting a user with suspicious information.
 - Updating the users with poling related information.
 - Declaration of election dates and result dates.
 - Declaring election results.
 - Delivering other important information.
 - And any other additional features.

- The users should be notified anyhow about the final polling date and venue (maybe through a notification or through some highlighted text within their app (maybe in a way apps like Flipkart announces Festival sell through their app)) before elections.
- On the date of elections, users should be asked to go out and vote (encouraging spirit of democracy), a notification should suffice.
- The final results should be uploaded by officials and it should be displayed in the user's applications.
- You can use any backend service of your choice but we will suggest **Firestore** as it will cover all the requirements of this app and you can implement it with great ease.

Bonus Features:

- Elegant User Interface, particularly **Material UI**.
- Using **RecyclerViews** instead of ListViews will be a great addition to the UI.
- Using new **Android architecture** components is highly encouraged. This will have a huge influence on the final evaluation.
- Efforts to make **single Activity** app shall be highly appreciated.
- Allowing users to upload an **image** along with personal information will be highly appreciated. **Firestore Storage** serves as a good storage option.
- Using **Android notification** will be beneficial.

- Any additional feature from your side (particularly on the voter's side) is most welcome given that you have implemented all the necessary features.

PS : Bold words can be used as keywords for google search.