Functional Requirements

- The system must allow users to create an account
- The user shall be able to edit or delete their account
- The system must not disclose any personal information (password or contacts)
- The user shall be able to create polls
- The user shall be able to vote on polls created by other users
- The system must keep users' votes anonymous
- The system shall provide users read access to a dashboard with all ongoing and expired polls
- The system must be accessible for users remotely via Android OS

Non-Functional Requirements

- Maintainability: Using Engineering procedures, the app should be easy to maintain and evolve.
    - Modifiability: The app is easily modified by documentation and the class structure.
- Scalability: The number of voters varies from 3 to 100 by providing enough resources.
- Portability: Develop with a lower Android API level to fit it to a broader range of Android devices.
- Security: The app requires a User ID and Password for user identification and to ensure security. May use Google Account API for a more secure login.
- Usability: GUI shall have a Simple GUI for a user to interact with the application.

Class Structure

UserAccount

- Username
- Name
- PhoneNumber
- EmailAddress
- Description
- Image
- Polls
- Votes

- EditPoll()
- SharePoll()
- EditVote()
- EditAccount()

Vote

- Voter
- Poll
- Time
- Status
- Value

- Submit()
- Output As Label

Poll

- Title
- CreatedBy
- Status
- Votes
- CreatedTime
- OpenedTime
- CloseTime

- GetResults()
- OpenPoll()
- ClosePoll()
- SharePoll()

Creates 1 — *

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