COP 290 Assignment 2
TODO: Write name

Aditi
TODO: Write roll numbers correctly

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Contents

1 Objectives

Design an app which which is :

- TODO

- TODO

- TODO

2 Overall Design

TODO

1. The server side will be programmed in Python

2. The android app will be made using Java

3. Volley will be used to send requests and receive responses

4. Doxygen will be used to create HTML documentation of the entire code base.

5. The entire code will be split up in multiple files to ensure modularity in code.

3 Features

3.1 Individual Complaints

3.1.1 Options for the user

The person filing the complaint can fill in the following options:

1. Name

2. Entry Number or Employee Number

3. Phone Number

4. Complain category

5. Address/Hostel Name

6. Content of the Complain

7. Extra details

3.1.2 Options for the receiver

1. See all details

2. Request user to mark as completed

3. Take to higher authority

3.1.3 Follow up options

1. Mark the complain as completed

2. Take to higher authority

3.2 Hostel Level Complaints

3.2.1 User Options

1. Name or Anonymous

2. Entry Number or Anonymous

3. Phone Number or Anonymous

4. Complain category

5. Contents

6. Additional Information

3.2.2 Other's Options

1. People can Upvote, Downvote or be neutral to the complain.

2. If the problem is not resolved in 7 days according to the majority, then the complain gets sent to the higher authority.

3. People can add comments to the complain.

3.2.3 Receiver's Options

1. Mark as resolved.

2. Send to higher authority

3.2.4 Follow Up options

1. Mark as resolved based on majority

2. Send to higher authority based on majority

3.3 Institute Level Complaints

3.3.1 User Options

1. Name or Anonymous

2. Entry Number or Anonymous

3. Phone Number or Anonymous

4. Complain category

5. Contents

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3.3.2 Other's Options

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4 Sub Components

4.1 Server Back End

The back end has been divided into further sub components to facilitate the development process.

- TODO
- TODO
- TODO