IITH Survey System

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May 22, 2022

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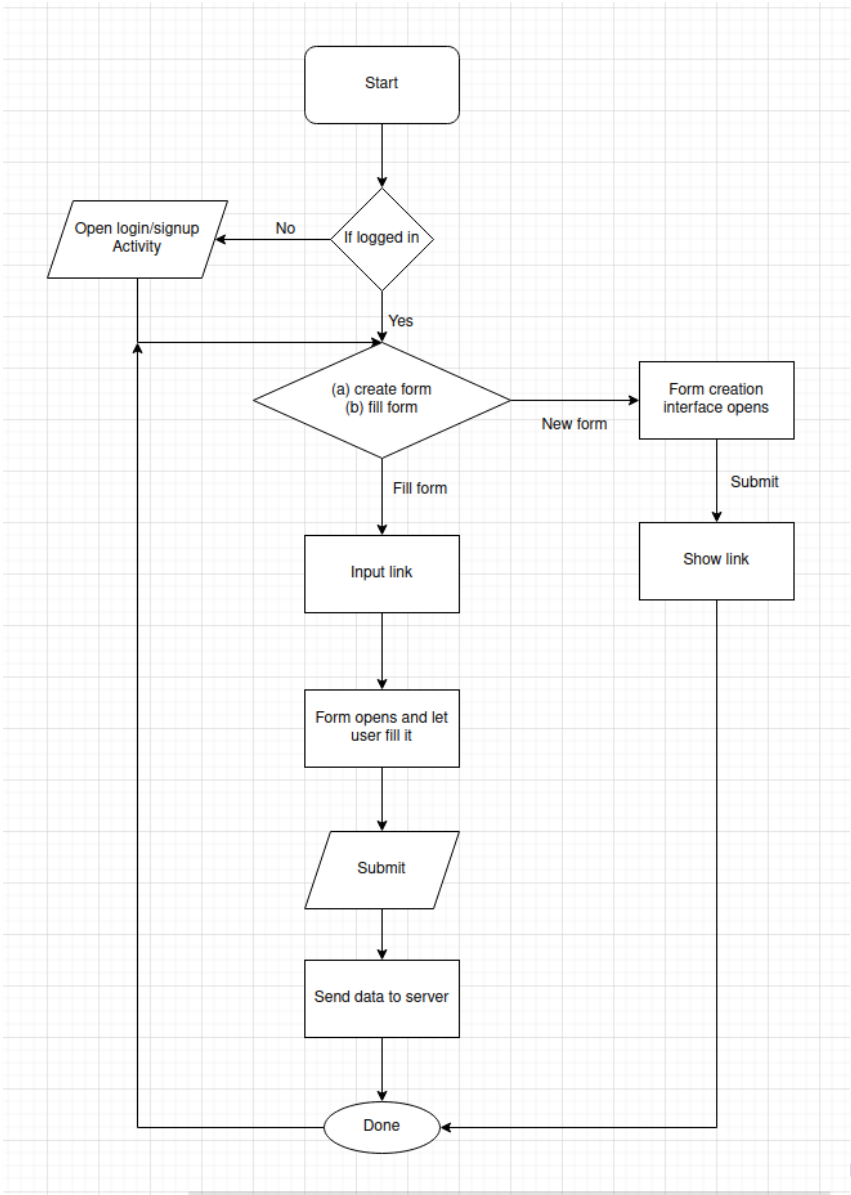
Introduction

1. Will be an android app
2. Would be form based app
3. Would support various kinds of responses
4. Survey creator can share link for users to fill
5. Would allow viewing individual responses
6. Form creator could also get a summary of all the responses
7. No concept of admin. Anyone with IITH account can conduct survey

Languages to be used

1. **Java:** Internal working and dynamic UI of the android app
2. **XML:** Static UI design of the app
3. **Python:** For the server

User-App interaction



App Internals I

1. Login Activity

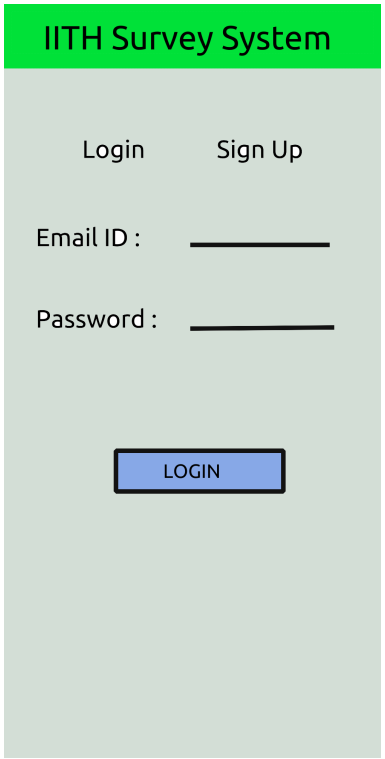


Figure: Image here

App Internals II

2. Home Activity

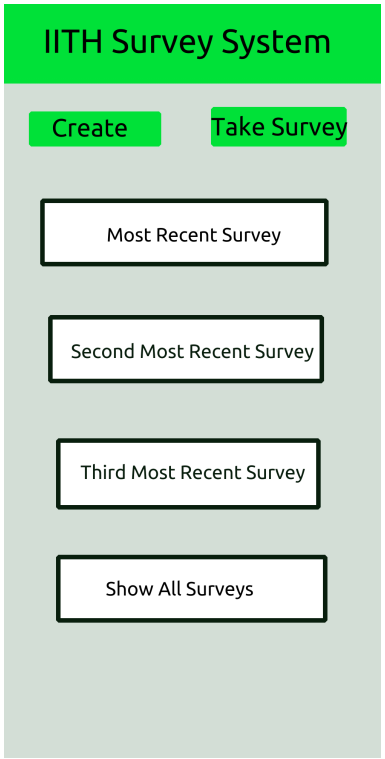


Figure: Image here

App Internals III

3. Form Creation Activity

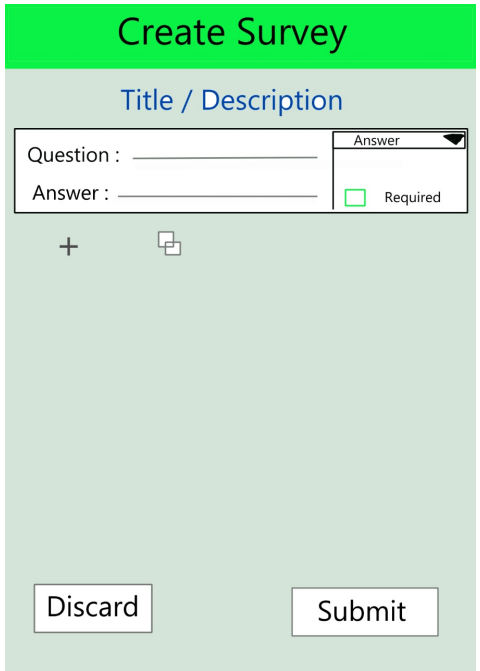


Figure: Image here

Insider view of form creation

Would consist of questions and answers

- Question would contain any one or both
  - Text
  - Image
- Answer can be any one of following types
  - Text Answer
  - Multiple choice with radio buttons
  - Multiple choice with check boxes
  - Link
  - File
  - Date
  - Time
  - Rating
  - Rating martrix

The Server

1. To be written in Python
2. Will use sockets for data transfer
3. Will use sqlite3 or MySQL for data management
4. The links generated will point to the IP address of the server
5. Users on same network as the server can only create or fill the form (as of now as our system would be used as server)