

IITH Survey System

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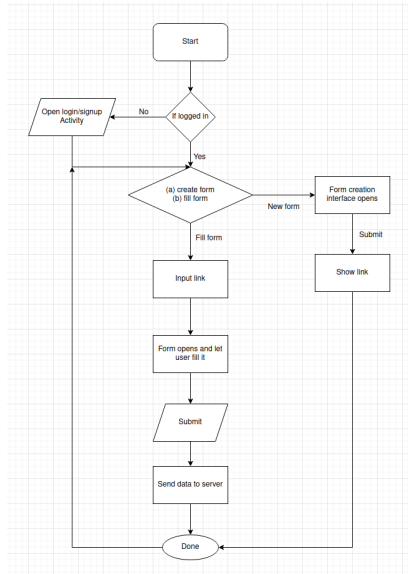
Introduction

- 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

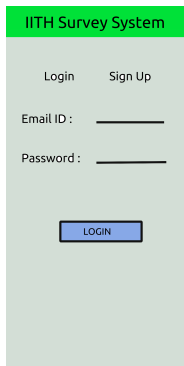
- ① **Java:** Internal working and dynamic UI of the android app
- ② **XML:** Static UI design of the app
- ③ **Python:** For the server

User-App interaction



App Internals I

① Login Activity



The screenshot displays the login interface of the IITH Survey System. It features a green header bar with the text "IITH Survey System". Below the header, there are two links: "Login" and "Sign Up". The "Login" link is highlighted. Underneath the links, there are two input fields: "Email ID :" and "Password :". Below the input fields, there is a blue button labeled "LOGIN".

Figure: Image here

App Internals II

2 Home Activity

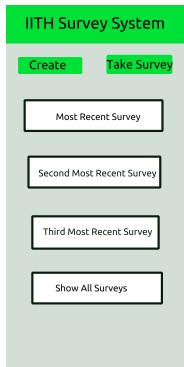


Figure: Image here

App Internals III

3 Form Creation Activity

The screenshot shows a mobile application interface for creating a survey. At the top is a green header with the text "Create Survey". Below this is a light blue section with the label "Title / Description". The main form area is light green and contains two input fields: "Question :" and "Answer :". To the right of the "Answer :" field is a dropdown menu labeled "Answer" and a checkbox labeled "Required". Below the input fields are two icons: a plus sign and a document icon. At the bottom of the form are two buttons: "Discard" and "Submit".

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)