

# Design Document

## Mobile Survey App

The initial project design:

The project was divided into two parts.

- 1) The Admin Panel
- 2) The Consumer Application

The admin panel consists of the website which helps the administrator to log into the website and create a new survey. A survey can consist of multiple questions of Single/Multiple answers. Limited use of media is also allowed. This survey is then sent to all the users of the application.

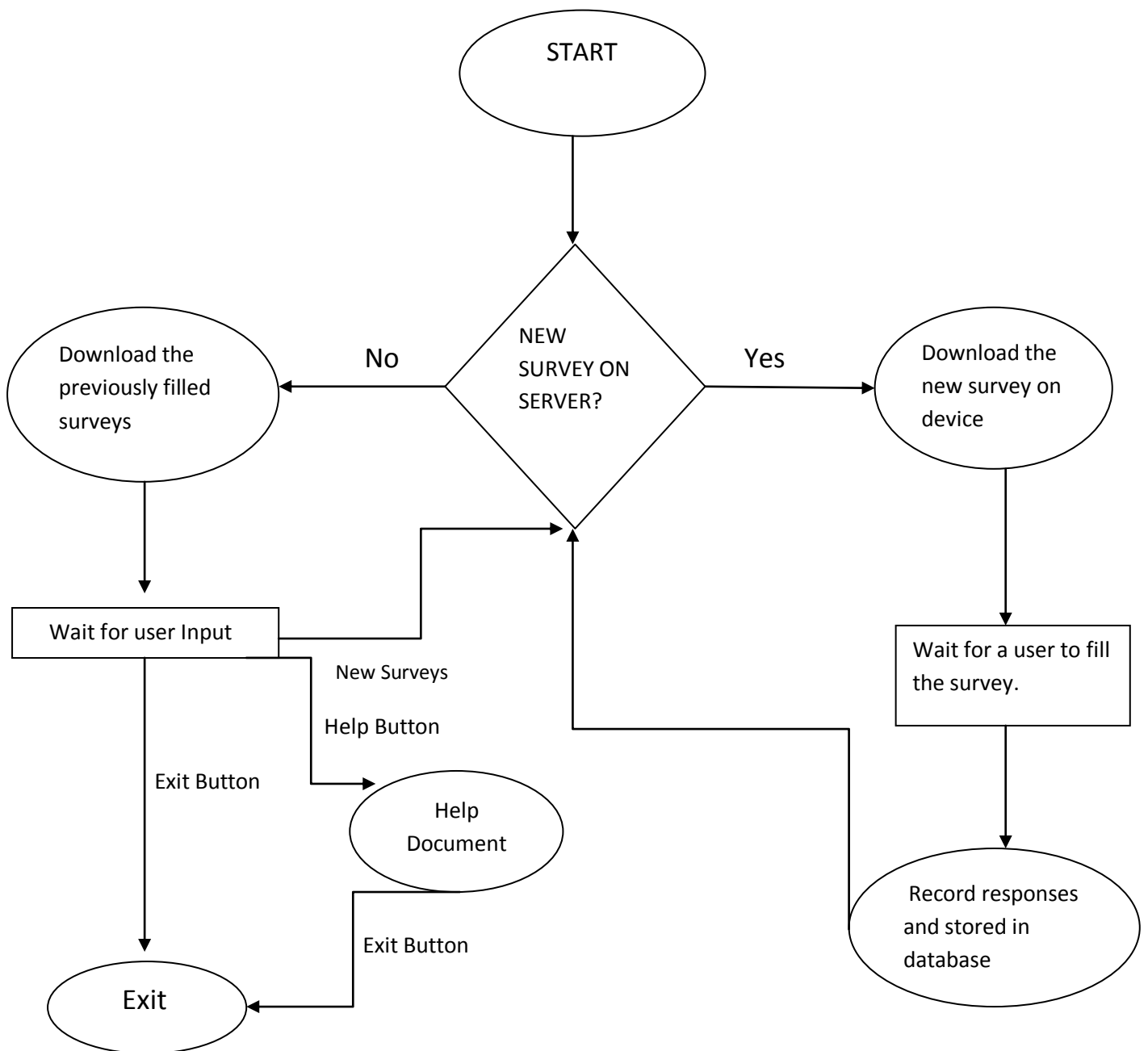
The Application, which has to be pre-installed on an Android device, shows up a notification as soon as a new survey is received. The user can choose whether to fill up the survey or not. If he chooses to fill it, the responses are recorded and these responses will further help up generate the reports regarding the survey.

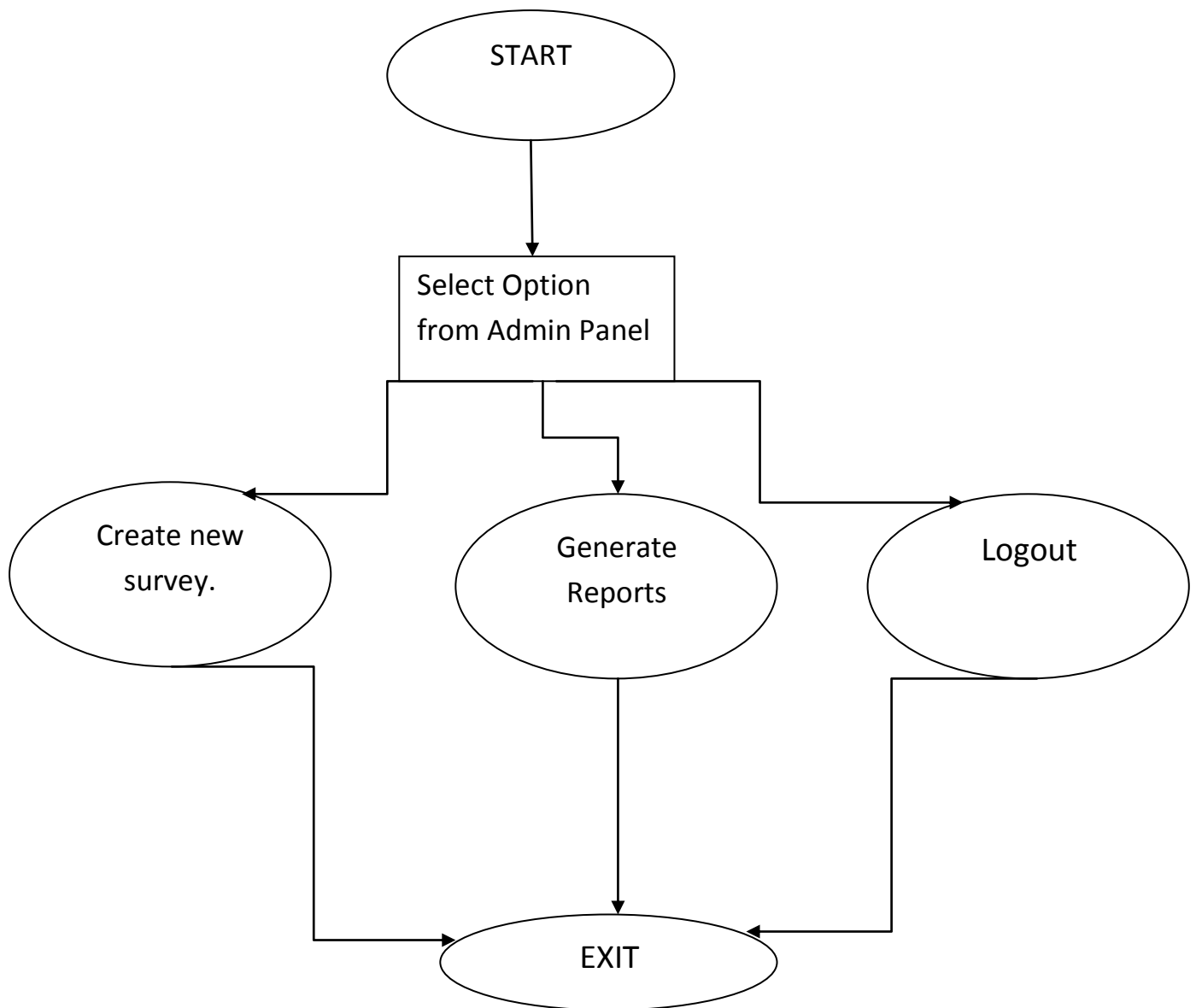
## Status of Project

In the admin part of the project, we can successfully create surveys. These surveys can contain multiple questions. Each question might have either a single choice answer, or a multiple choice answer, or a text based answer. Use of graphical images is also allowed. This survey can be saved in the common database of the website and the application.

The Android application also works successfully. An email id is required to log in to the application. After logging in, it fetches new surveys from the database when connected to the Internet. These surveys can be filled and sent back to the server using the same connected database. The application also shows the previously filled surveys.

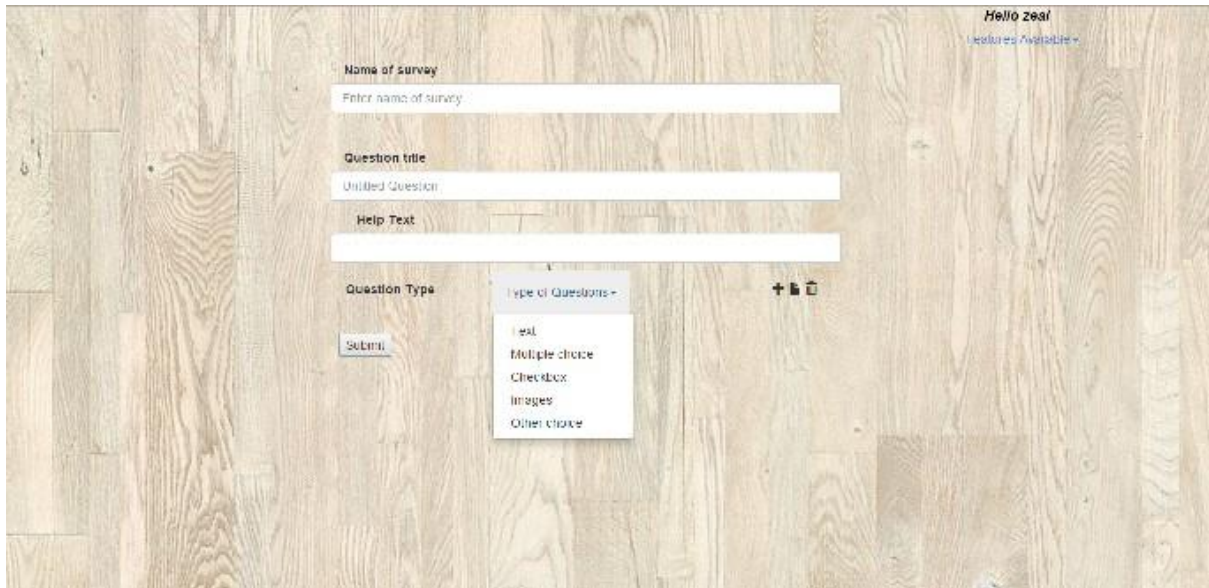
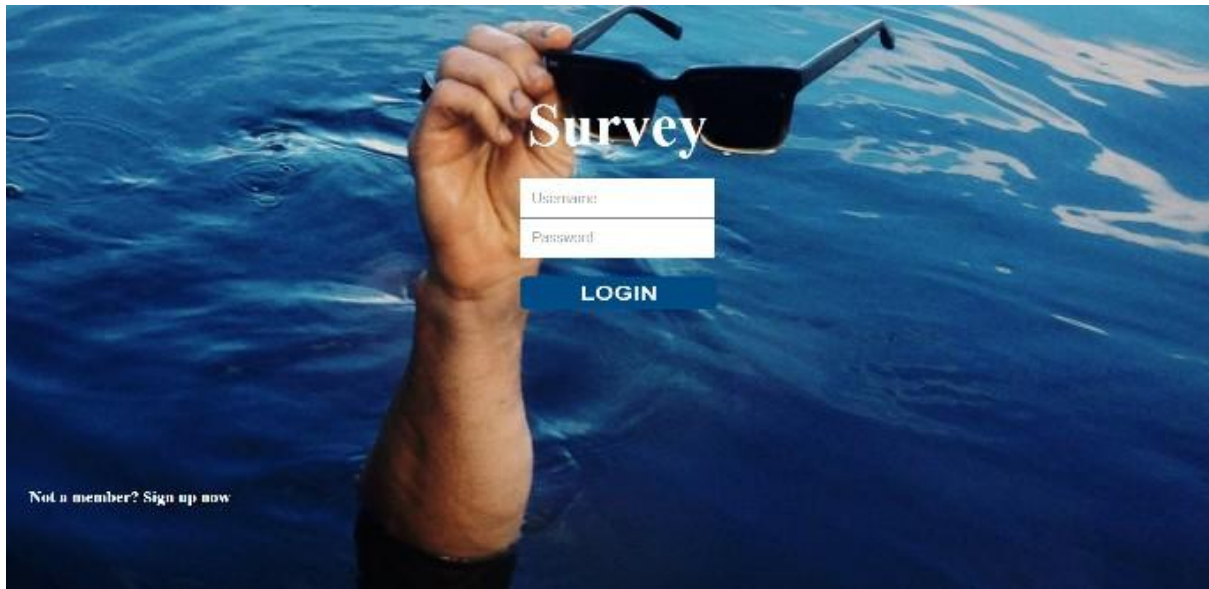
## High Level Design





## Low Level Design

The web client:



Unlabeled

Features Available

Create new survey

Reports of Survey


Logout

Name of survey

Enter name of survey

Question title

Untitled Question



Help Text

Question Type

Type of Questions

+ -

Submit

Features Available

Create new survey

Logout

The following list tells the name of survey for which report can be generated

db1

- Analysis using pie chart
- Analysis using bar chart
- Analysis using spline

db1

- Analysis using pie chart
- Analysis using bar chart
- Analysis using spline

db1

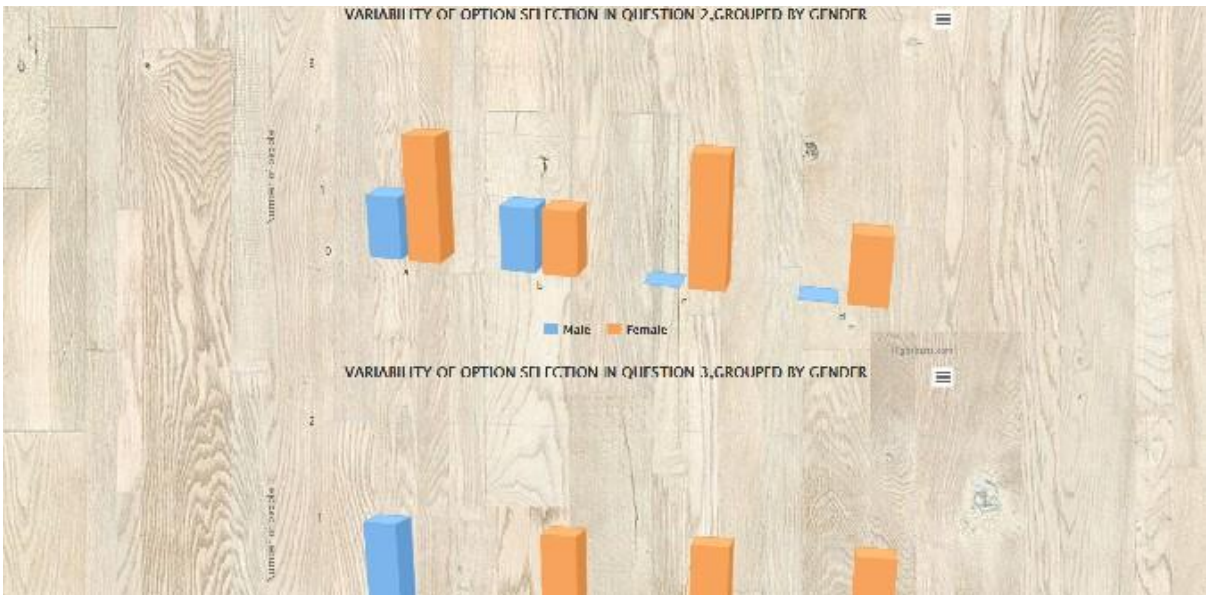
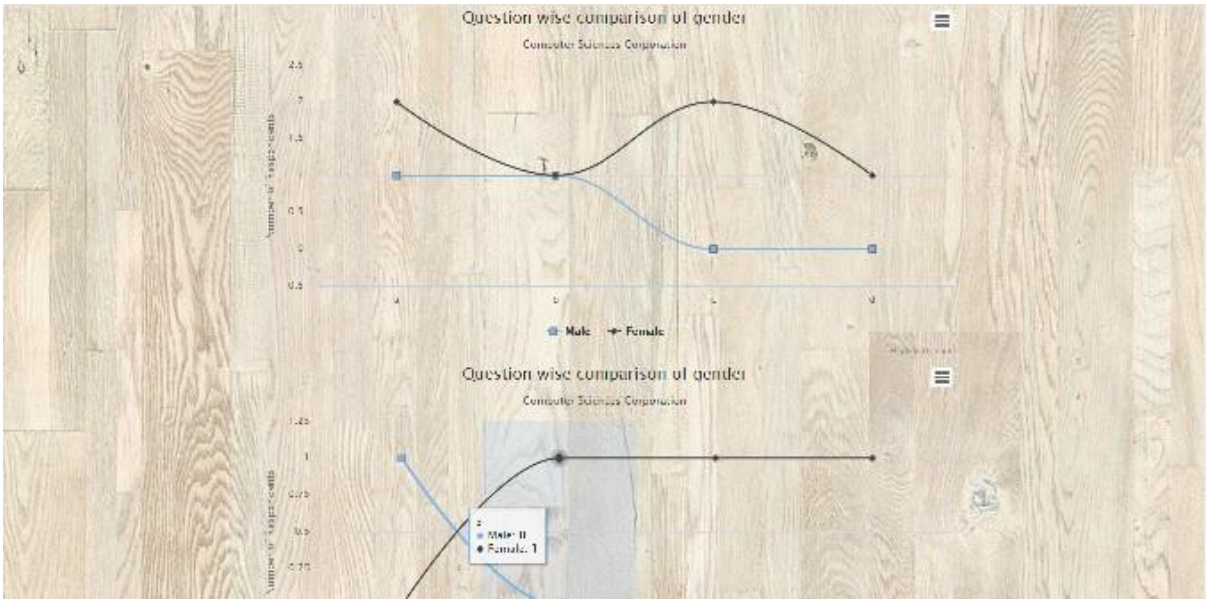
- Analysis using pie chart
- Analysis using bar chart
- Analysis using spline

db1

- Analysis using pie chart
- Analysis using bar chart
- Analysis using spline

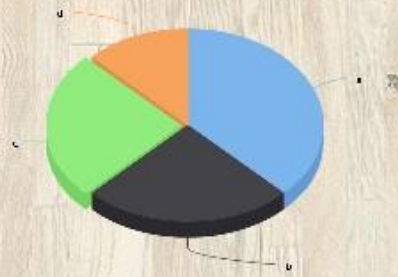
db1

- Analysis using pie chart
- Analysis using bar chart
- Analysis using spline



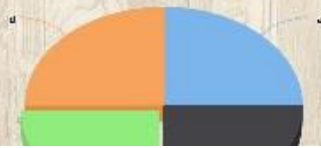


Analysis of question 2



c Shared percentage = 25.0%

Analysis of question 3



## The Android Client:

← Survey

1. Do you like this app?

☒ Yes

☐ No

2. Your suggestions

I like it already.

3. What are your hobbies?

☐ Movies

☒ Art

☒ Music

☐ Reading

Other option

☐ Saving screenshot...

← Survey

1. Do you like this app?

Answer: Yes

2. Your suggestions

Answer: I like it already.

3. What are your hobbies?

Answer: Art, Music,

← Survey

2. Your suggestions

I like it already.

3. What are your hobbies?

☐ Movies

☒ Art

☒ Music

☐ Reading

Other option

SUBMIT

SAVE

☐ Saving screenshot...

← Survey

1. Do you like this app?

Answer: Yes

2. Your suggestions

Answer: I like it already.

3. What are your hobbies?

Answer: Art, Music,



