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# Installation Guide

- Download XAMPP from <https://www.apachefriends.org/download.html> .Various version of XAMPP can be downloaded according to your distro type.
- Download Android studio and SDK tools from this link: <https://developer.android.com/sdk/index.html> .
- Download jQuery source file from <https://jquery.com/download/> .
- Download twitter bootstrap from <http://getbootstrap.com/> .
- Download the source code of application from this link: <https://github.com/CSC-ORG/Mobile-Survey-App-2015>
- The above downloaded files should be saved within the “htdocs” folder (this folder is situated within XAMPP folder).
- After the file has been saved goto this link: [https://localhost/folder\\_name/test.php](https://localhost/folder_name/test.php) in the browser.
- If after visiting this link you are able to see homepage where you can create new surveys then you have successfully installed the software.
- Install the survey apk on your android phone.

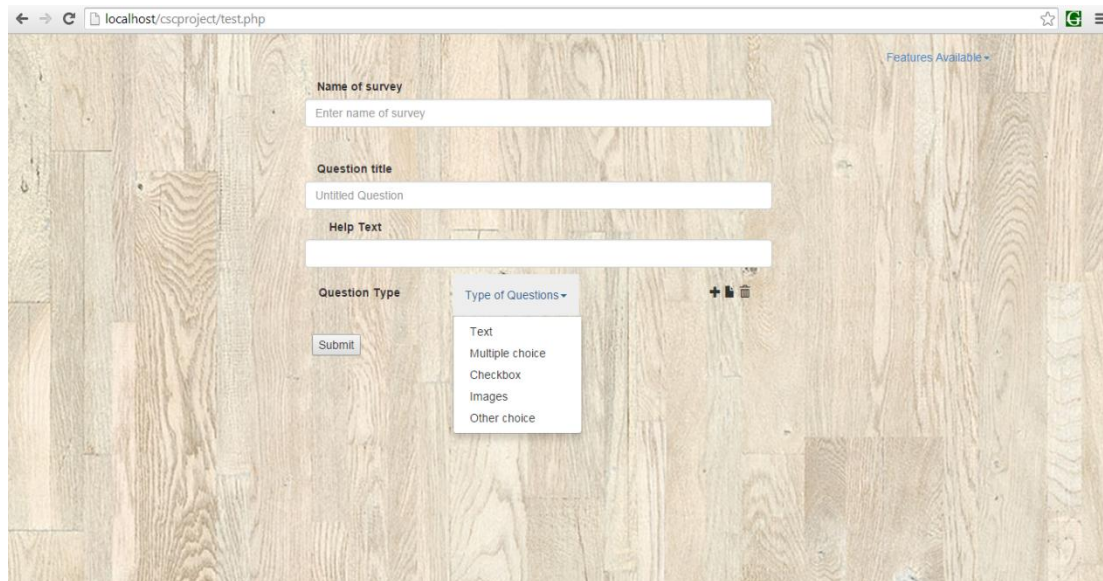
## Application Configuration

- The application makes use of MySQL database to store content of surveys. In order to connect to database all the configuration details can be found in the db.php file.
- The file contains the variable \$dbuser which stores the username of the admin of the database and \$dbpass which stores the password of the admin of the database.
- After you have configured the “db” file then you need to create tables in the database.
- Goto this link: <http://localhost/phpmyadmin/> in the browser and then create a database by the name “survey”.
- Within the database start creating the tables. The first table need to be created by the name “questiontable”. The structure of table should be made like this:  
surveyno (type: int)  
qno (type:int)  
questiontitle (type: varchar)  
noofoptions (type: varchar)  
options (type: varchar)  
image (type: longblob)  
thumb0 (type: longblob)  
help (type: varchar)
- The second table should be created by the name “surveytable” and its structure should be made like this:  
emailid (type: varchar)  
surveytitle (type: varchar)  
surveyno (type: int)

- The third table should be created by the name “responsetable” and its structure should be made like this:  
emailid (type: varchar)  
surveyno (type: int)  
type (type: varchar)  
options (type: varchar)  
eno (type: int)
- The fourth table should be created by the name “clienttable” and its structure should be made like this:  
emailid (type: varchar)  
password (type: varchar)  
name (type: varchar)  
age (type: int)  
gender (type: varchar)  
city (type: varchar)
- The fifth table should be created by the name “user” and its structure should be made like this:  
emailid (type: varchar)  
userid (type: varchar)  
password (type: varchar)  
fullname (type: varchar)
- In android studio go to “Login.java” and change the value of variable “ip\_address” to your servers’ ip\_address.

# User Manual

The home page of survey application looks like this

A screenshot of a web browser displaying the home page of a survey application. The browser's address bar shows 'localhost/cscproject/test.php'. The page has a light wood-grain background. On the left side, there are four input fields: 'Name of survey' with a placeholder 'Enter name of survey', 'Question title' with a placeholder 'Untitled Question', 'Help Text' (empty), and 'Question Type' with a dropdown menu. The dropdown menu is open, showing options: 'Text', 'Multiple choice', 'Checkbox', 'Images', and 'Other choice'. Below the 'Question Type' field is a 'Submit' button. In the top right corner, there is a link that says 'Features Available'.

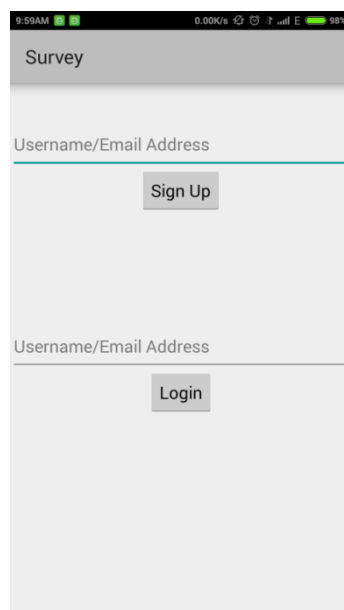
The survey provides you with several fields. The description about the field can be found below:

- The first field is labelled by Name of survey and asks user for the name of survey.
- The second field is labelled by Question Title and asks user to enter the title of question.
- The third field is labelled by Help Text and asks user to enter a text which may help the user to answer the question.
- The fourth field is labelled by Question Type and presents users with options to select different type of questions. The description about the type of question can be found below:
  - The first question type is “Text”. The user can select this type of question when he wants to ask question which are of descriptive type.
  - The second question type is multiple choice. The user can select this type of question when he wants to ask question which are of multiple type.
  - The third question type is “Checkbox”. The user can select this type of question when he wants to ask question which can have various answers.

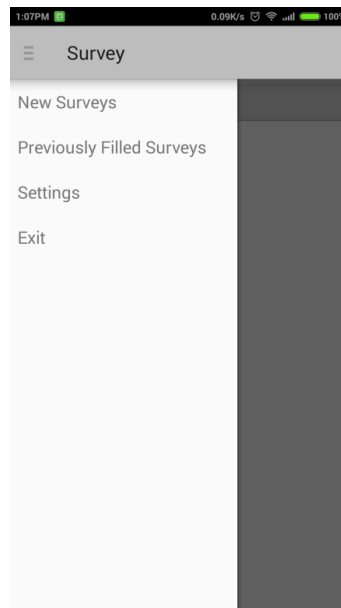
- The fourth question type is “Image”. The user can select this type of question when he wants to ask a question in which image identification is required.
- The user who is making the survey is allowed to add any number of questions but the number of options that he can provide within a question has been limited to six.
- The user is also provided with a facility of deleting questions which he does not want to keep in the finally created survey.

### **Android Application:**

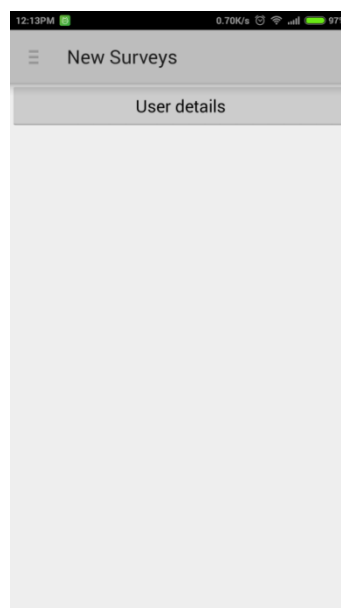
- The login/signup page of the android application looks like this. It is a one-time login/signup required when you install the application for the first time.



- The main page of the application contains a navigation drawer which looks like this.



- The navigation drawer gives us access to
  - New Surveys
  - Previously Filled Surveys
  - Settings
  - Exit
- The New Surveys are downloaded directly from the server to the android application. The user can choose to fill the survey by clicking on the survey.



- All the questions and options along with images are displayed in the application. The user is required to fill the answers and press the submit button.

The screenshot shows a mobile application interface titled "Survey". It contains the following elements:

- A header bar with the title "Survey".
- An input field labeled "Enter your name".
- A horizontal line separator.
- A label "Answer here" above the main content area.
- A section titled "Gender" with two radio button options: "Male" and "Female".
- A section titled "Hobbies" with a grid of 12 circular icons representing various activities.
- Below the icons, there are three checkbox options: "Movies", "Music", and "Art".

- The responses are uploaded to the cloud database.
- The option, Previously Filled Surveys, allows the user to view the questions and the responses to all the surveys filled by him previously

The screenshot shows the same mobile application interface as before, but with the following changes:

- The "Enter your name" field now displays "Answer: Karan".
- The "Gender" section now displays "Answer: Male".
- The "Hobbies" section now displays "Answer: Movies, Music, Photography" below the grid of icons.

- The settings option provides basic setting options like Message Tone, Notifications, Logout.
- The exit option is used to shut down the currently running instance of the application.