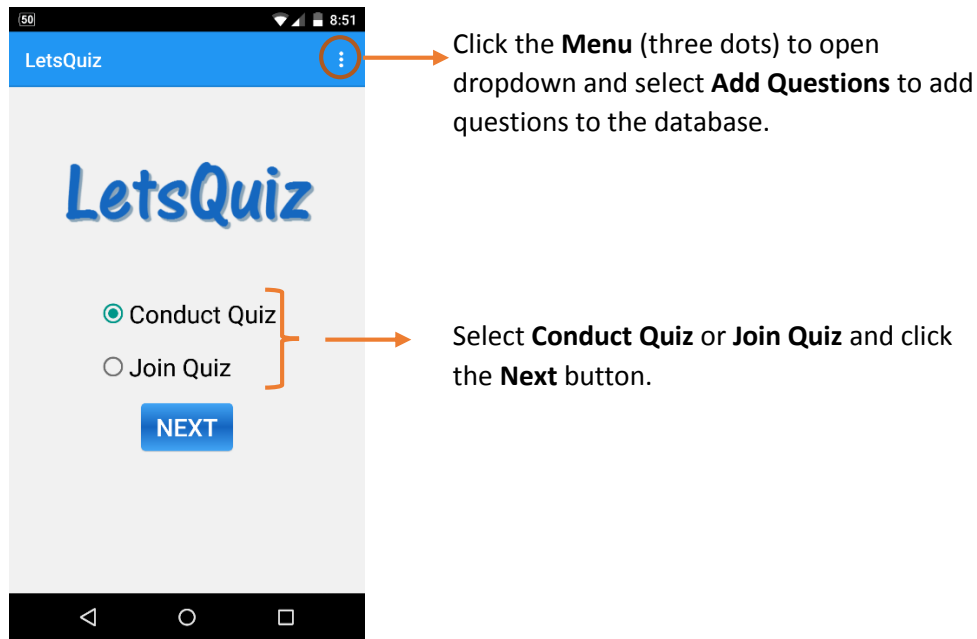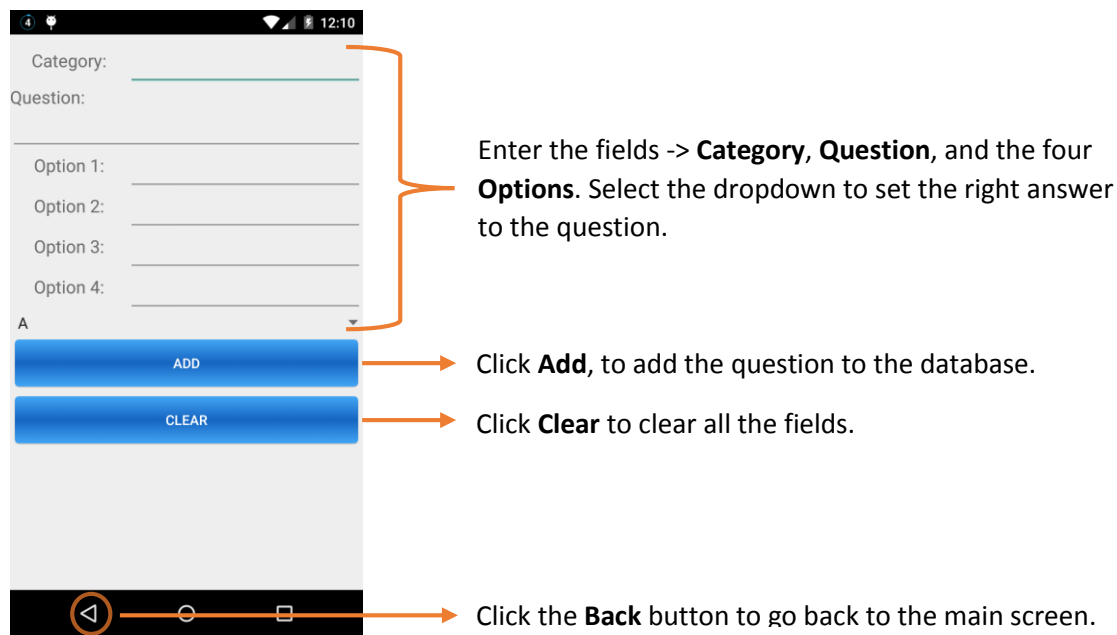# LetsQuiz

Team:

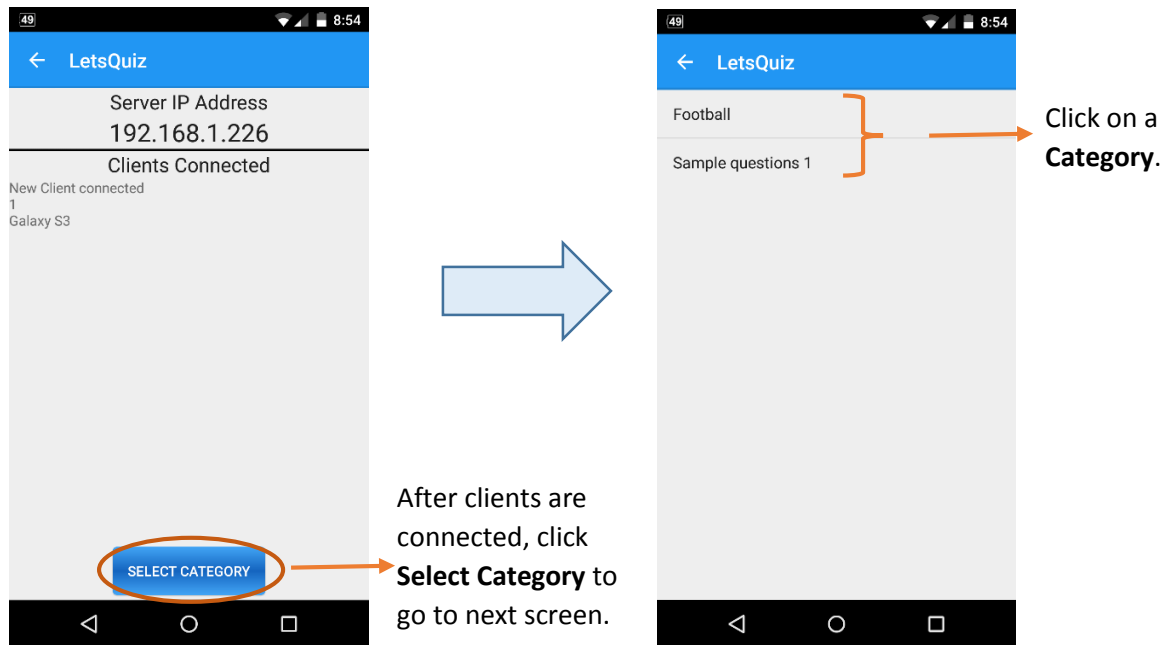| Aarohan Badami | 1000918295 |
Adithya Chandrashekar	1000990558
Sathvik Shivaprakash	1000989203
Vidhyadhar Venkatraman	1000988905

Manual (with screen shots):

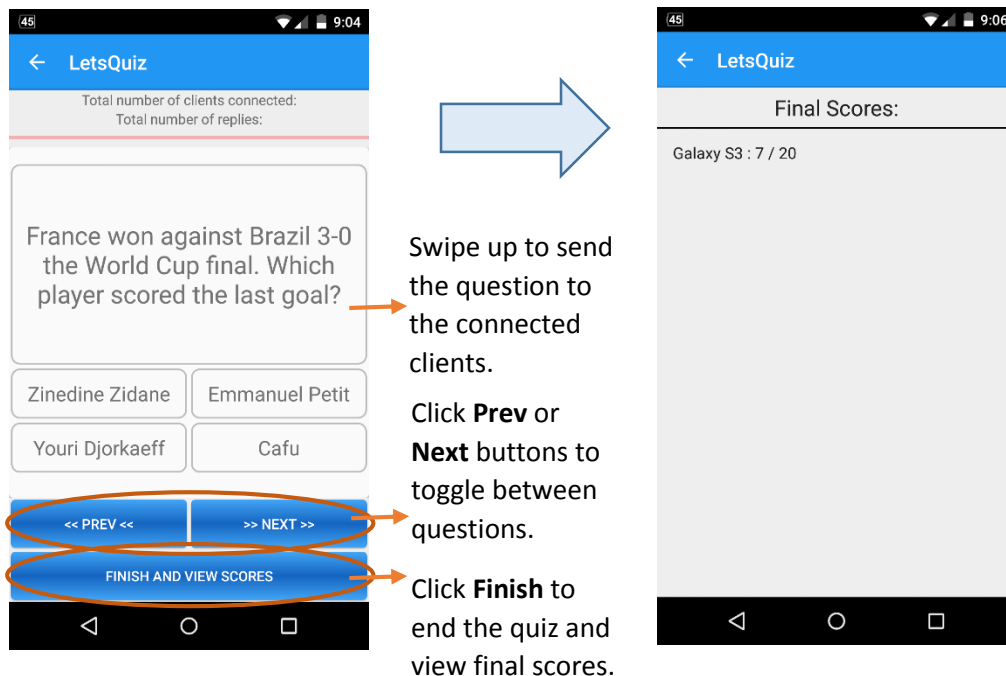On opening the **LetsQuiz** application.

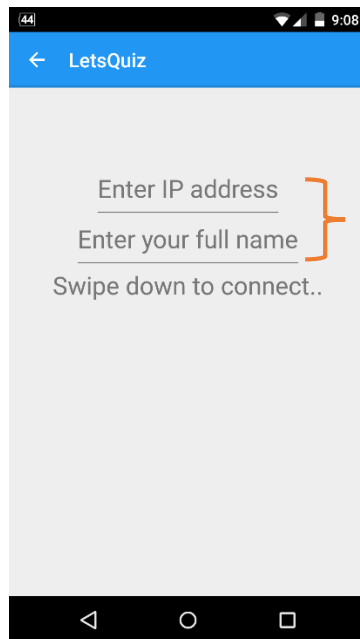Click the **Menu** (three dots) to open dropdown and select **Add Questions** to add questions to the database.

Select **Conduct Quiz** or **Join Quiz** and click the **Next** button.

Click the **Menu** (three dots on top right corner) -> **Add Questions**.

Enter the fields -> **Category**, **Question**, and the four **Options**. Select the dropdown to set the right answer to the question.

Click **Add**, to add the question to the database.

Click **Clear** to clear all the fields.

Click the **Back** button to go back to the main screen.

On selecting **Conduct Quiz** in the main screen,

Click on a **Category**.

After clients are connected, click **Select Category** to go to next screen.

Selecting questions and sending it. Finally viewing the scores.

Swipe up to send the question to the connected clients.

Click **Prev** or **Next** buttons to toggle between questions.

Click **Finish** to end the quiz and view final scores.

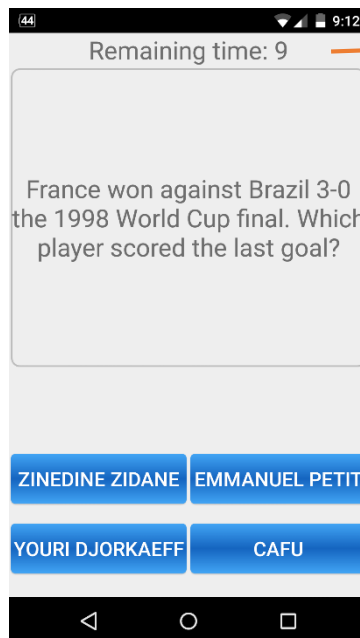On selecting **Join Quiz** in the main screen,

Enter the Server's **IP address** and Client's **full name**. Swipe down to connect.
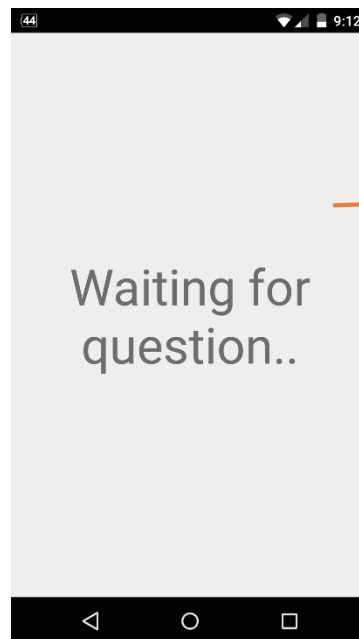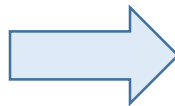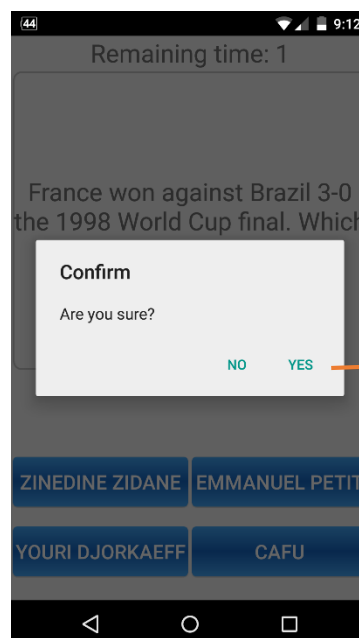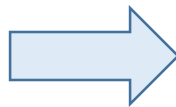

This screen shows up whenever the Client is waiting for the Server to send a question.
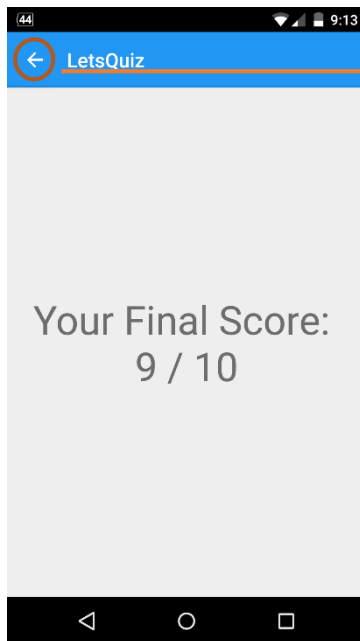
Answering questions on the Client,

Timer shows the **Remaining time** to answer. Score is based on this time.

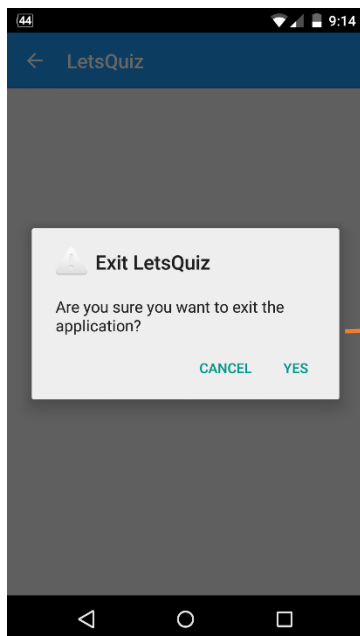Click on any one of the four answers.

Click **Yes** to confirm and submit your answer. Else, click **No**.

When the quiz ends, the final score is shown,

Click this button to go to the main screen of the application.

Your Final Score:
9 / 10

Exit the **LetsQuiz** application by clicking the back button (◁),

Exit LetsQuiz

Are you sure you want to exit the application?

CANCEL   YES

Click **Yes** to exit the application. Else click **Cancel**.

File Structure:

LetsQuiz

com.cse6349.letsquiz

DatabaseActivity.java

This activity is required to enter and store the questions in the database.

PlaceHolderFragment.java

This is the fragment that lets a user to select "Conduct Quiz" or "Join Quiz". The xml for this layout is *fragment_start.*

StartActivity.java

This activity holds all the fragments.

com.cse6349.letsquiz.conductor

ConductQuizFragment.java

This fragment pops up when user selects "Conducts Quiz" option. This shows the IP address of the server and a list of all connected clients. This fragment also contains the socket connections, input and output streams. Swipe up to send is also implemented in this fragment.

FinalScoreConductorFragment.java

This fragment displays the final scores of all connected clients.

com.cse6349.letsquiz.database

SqlDatabase.java

This class helps in creating a database and getting the database object to insert and retrieve database contents.

com.cse6349.letsquiz.quiztaker

JoinQuizFragment.java

This fragment pops up when user selects "Join Quiz" option. All the client side activities are handled in this fragment.

FinalScoreClientFragment.java

This fragment appears when the quiz ends and displays the final score of the client.