

I - CLASS

Interactive Classroom Live Streaming
System

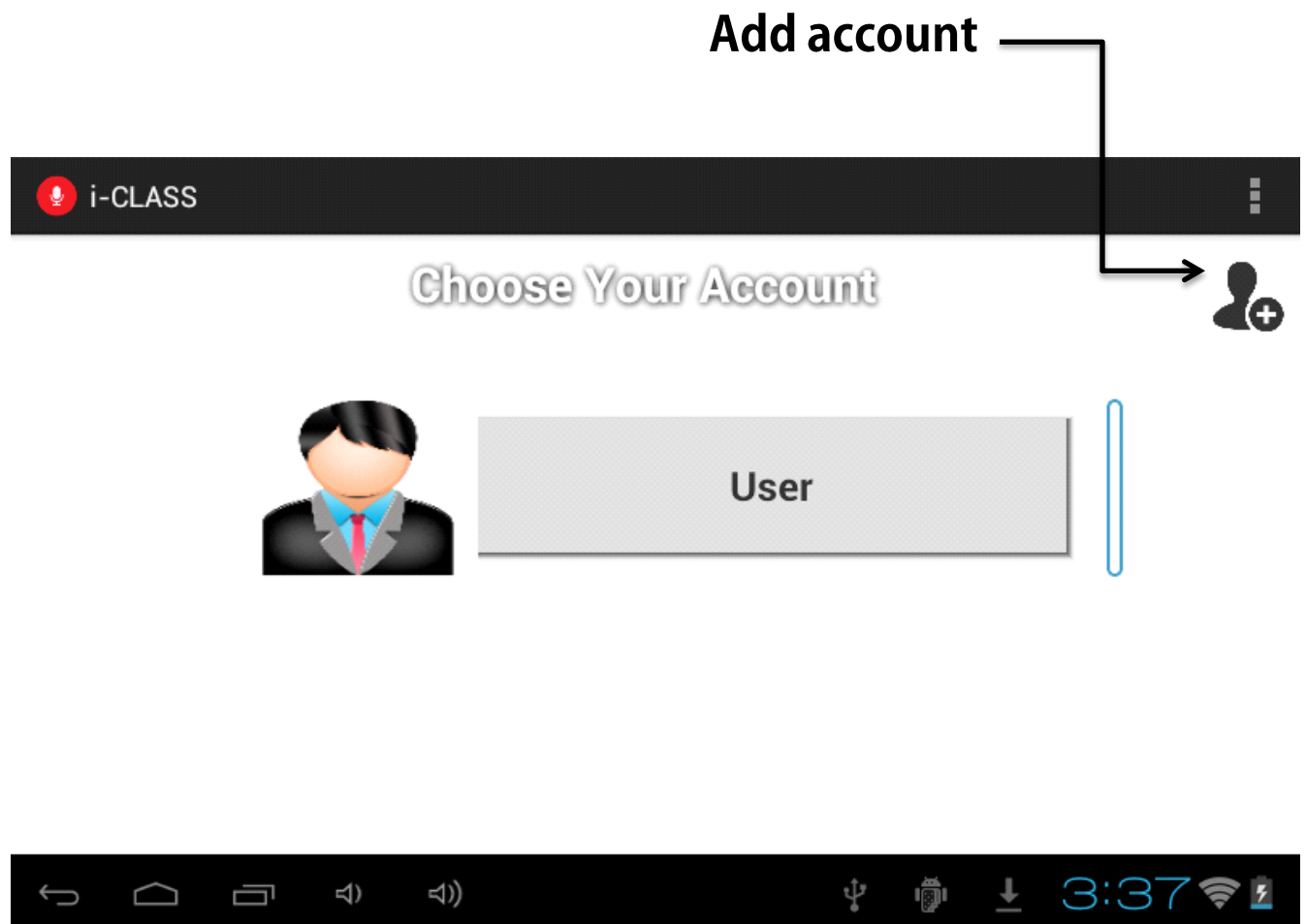
Revolutionizing the Education System in INDIA...

SECTION 1

Account Management

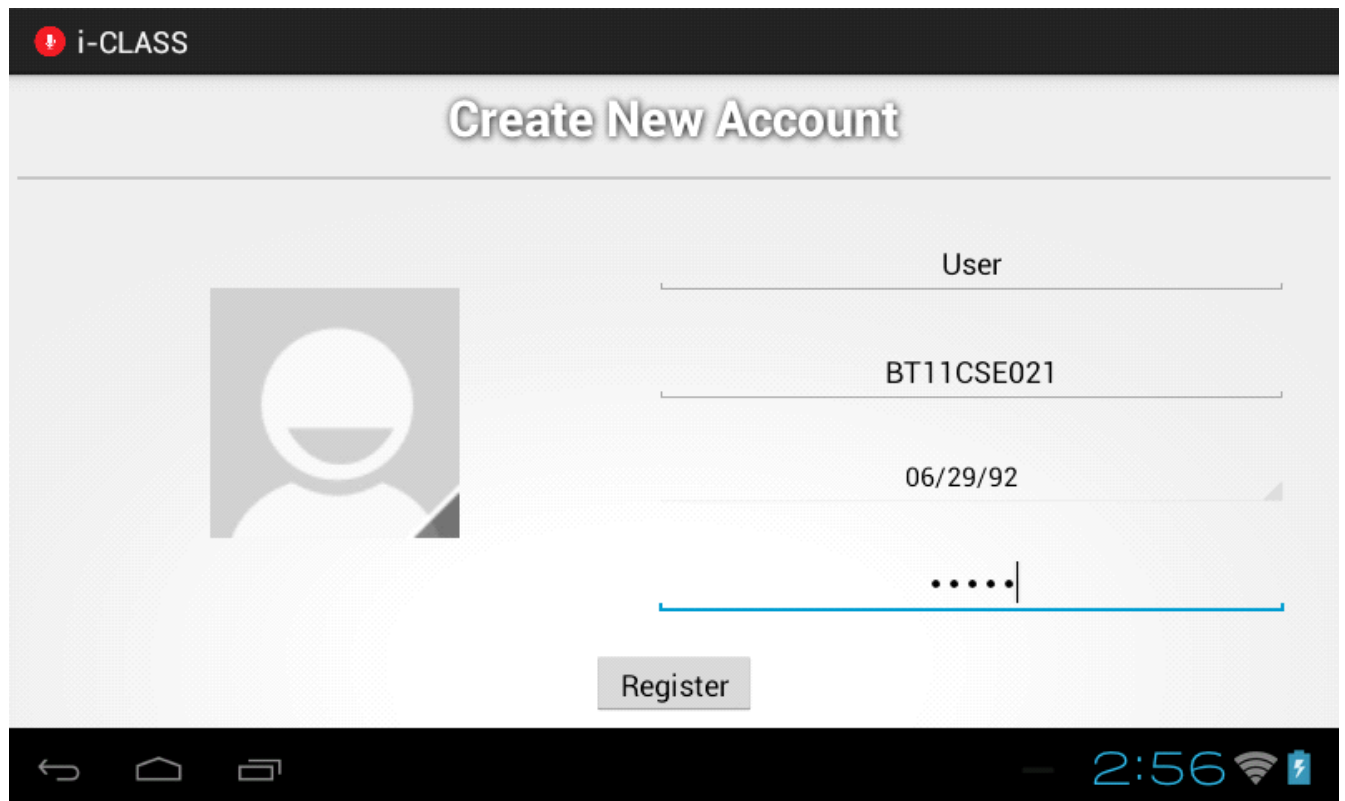
Creating An Account

If there is no account present in the tab then you will be, by default, redirected to the 'Create Account' page. Otherwise, you can also click on the 'Add Account' icon on the 'Login' page to go to the 'Create Account' page.



The 'Create Account' Page has the following fields:-

- **Name**
- **Roll Number**
- **Date Of Birth**
- **Password**



The screenshot shows the 'Create New Account' page of the i-CLASS application. The page has a dark header with the 'i-CLASS' logo. The title 'Create New Account' is centered at the top. On the left, there is a large, light gray placeholder for a profile picture. To the right of the placeholder are four input fields: 'User' (containing 'BT11CSE021'), 'Date Of Birth' (containing '06/29/92'), and 'Password' (containing five dots). A 'Register' button is located below the input fields. The bottom of the screen shows an Android navigation bar with back, home, and recent apps icons, and a status bar with the time '2:56', Wi-Fi, and battery icons.

i-CLASS

Create New Account

User

BT11CSE021

06/29/92

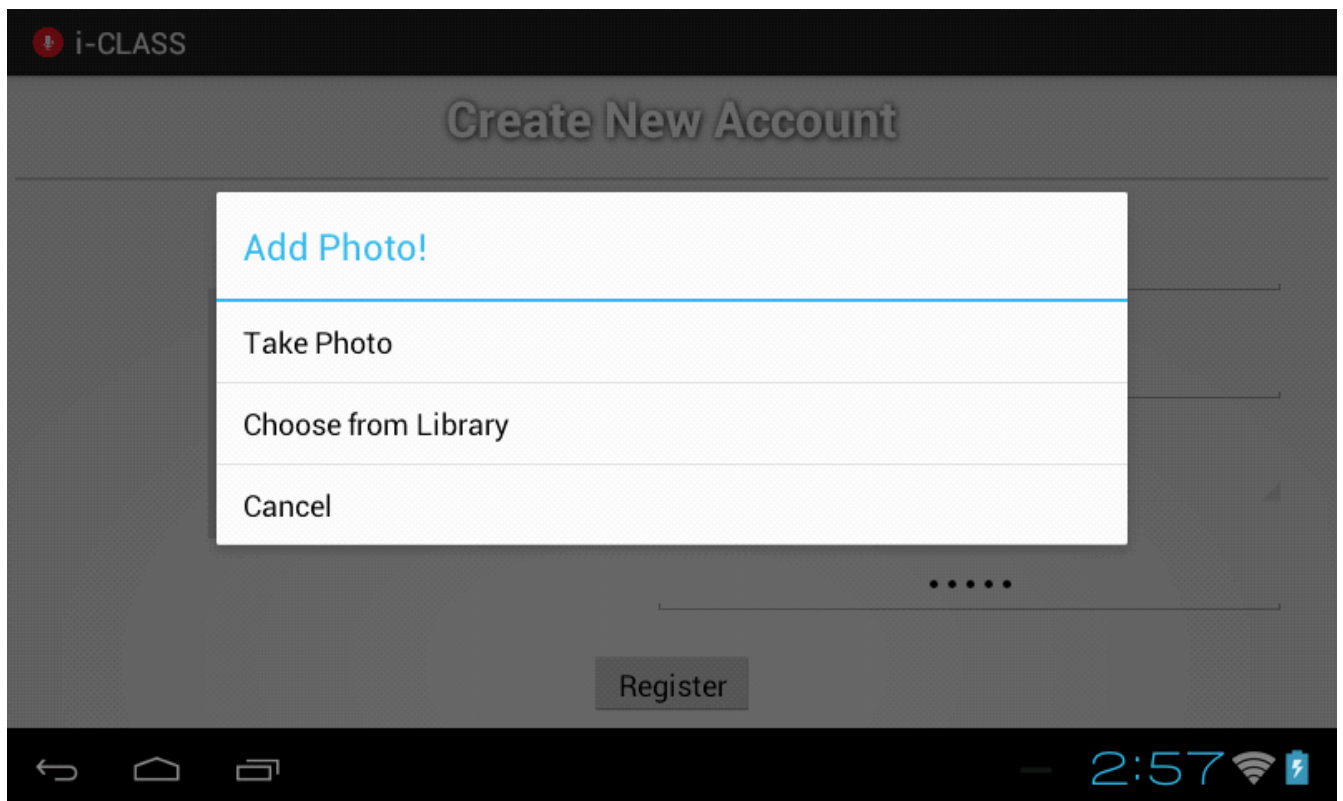
.....

Register

2:56

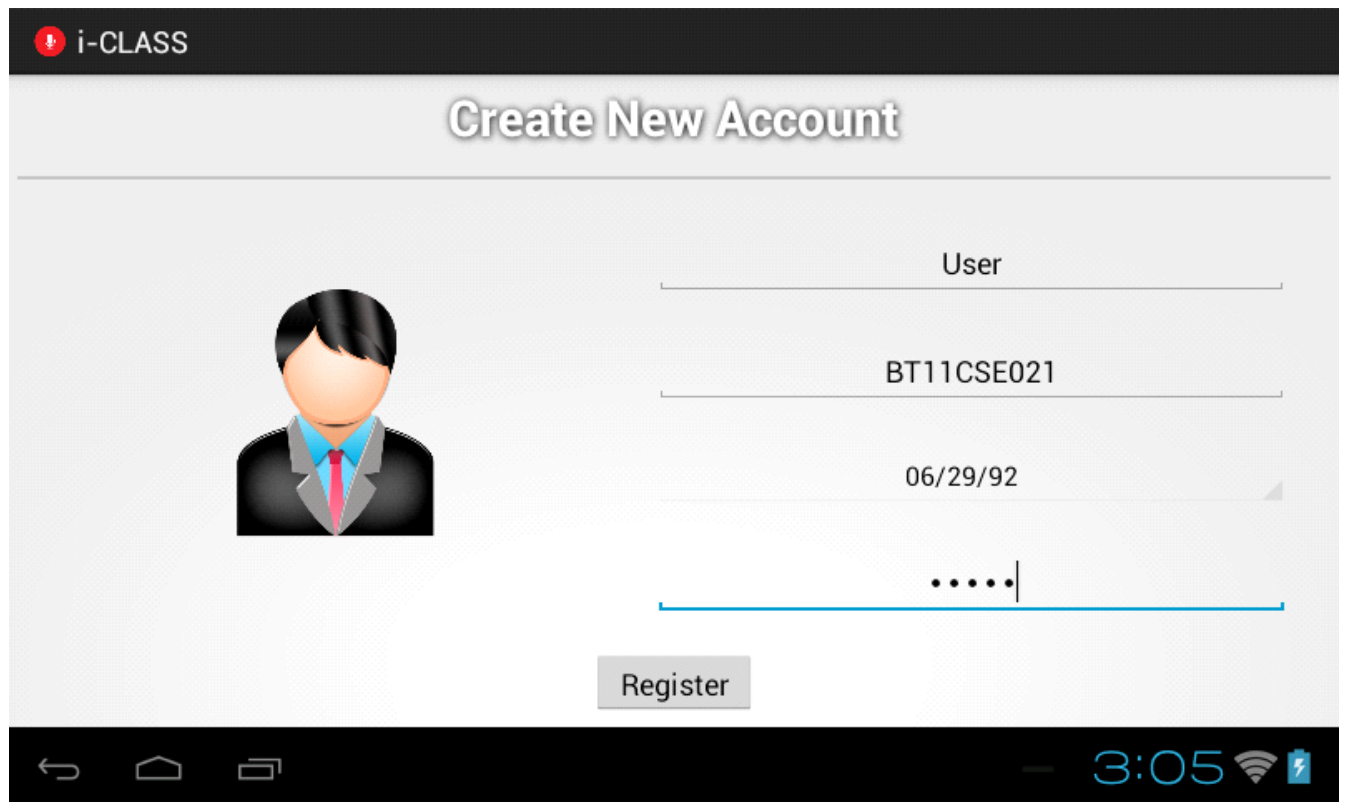
Click on the profile picture icon to select one.

Once you click on it, you will be presented with options as follows:-



You can directly take the photo using camera of tablet or choose one from gallery if the lighting conditions are not good.

Once you select your photo the page will look like this:-



The screenshot shows a mobile application interface for 'i-CLASS'. At the top, there is a black header bar with a red microphone icon and the text 'i-CLASS'. Below this is a light gray section with the title 'Create New Account' in bold. The main area is white and contains a registration form. On the left side of the form is a placeholder image of a person with black hair, wearing a blue shirt, a red tie, and a black suit jacket. To the right of the image are four input fields: the first is labeled 'User' and contains the text 'BT11CSE021'; the second contains the date '06/29/92'; the third is a password field with four dots and a cursor; and the fourth is a 'Register' button. At the bottom of the screen is a black navigation bar with three icons on the left (back, home, and a third icon) and a status bar on the right showing the time '3:05', a Wi-Fi signal, and a battery level icon.

Now click on the 'Register' button to create your account.

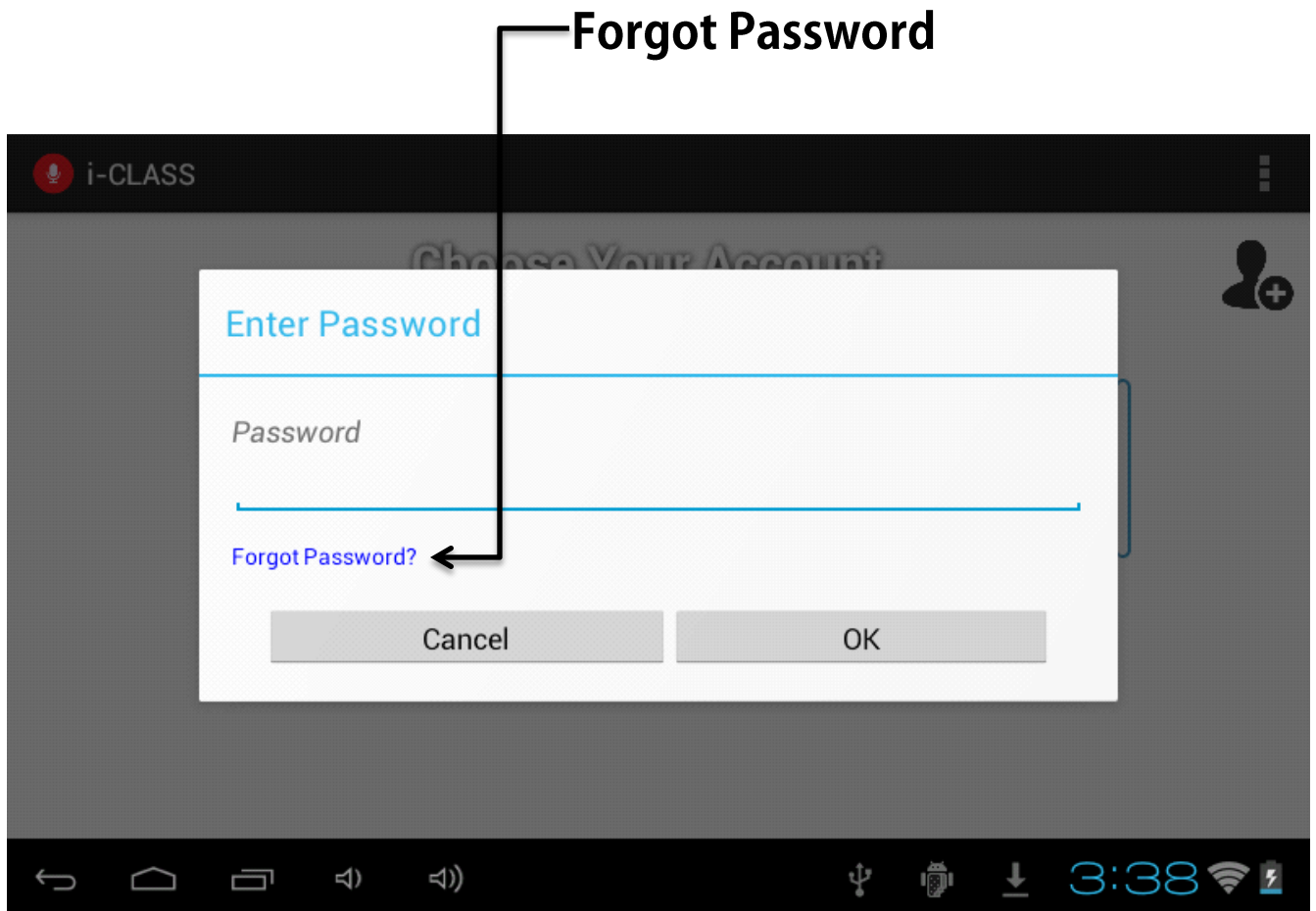
Congratulations!!! You have just successfully created your first account.

Changing Password of an Existing Account

What if you forgot your password?

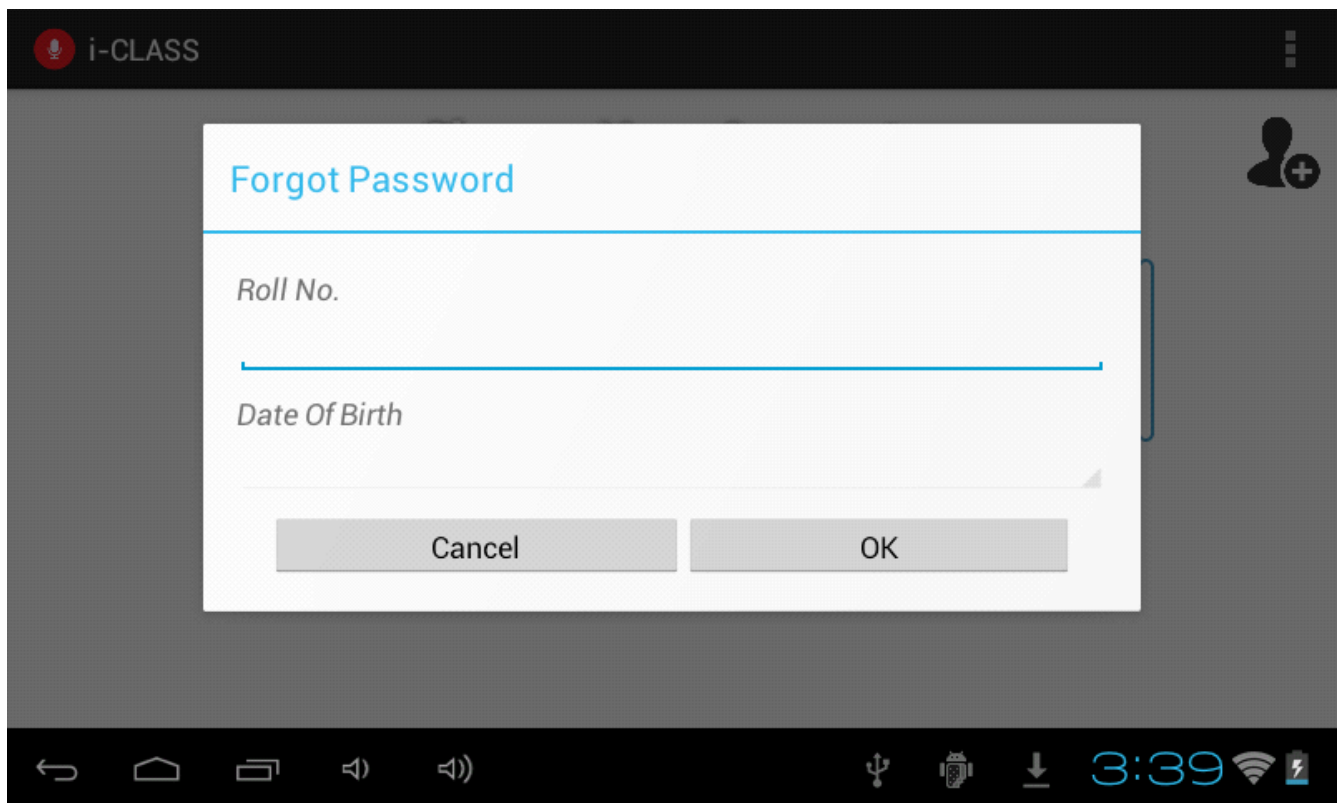
What if any of your friends get to know about your current password?

Don't worry. Here we are with an easy solution for you.



To change the password of an existing account just click on the account. You will see following Dialog Box.

Simply click on 'Forgot Password' link.

The image shows a screenshot of a mobile application interface. At the top, there is a black header bar with a red circular icon containing a white microphone and the text 'i-CLASS' in white. To the right of the header is a vertical ellipsis menu icon. Below the header, the background is a dark gray. In the center, there is a white dialog box titled 'Forgot Password' in blue text. Inside the dialog box, there are two input fields: the first is labeled 'Roll No.' and the second is labeled 'Date Of Birth'. Both fields have blue borders and are currently empty. At the bottom of the dialog box, there are two gray buttons: 'Cancel' on the left and 'OK' on the right. In the top right corner of the screen, there is a black silhouette of a person with a white plus sign next to it. At the very bottom of the screen, there is a black navigation bar with several icons: a back arrow, a home icon, a recent apps icon, two speaker icons, a USB icon, an Android robot icon, a download icon, the time '3:39' in blue, a Wi-Fi icon, and a battery icon.

Enter the Roll Number and Date of Birth provided during the time of creation of account for verification.

Once you enter the correct credentials, you will get a dialog box to enter a new password.

SECTION 2

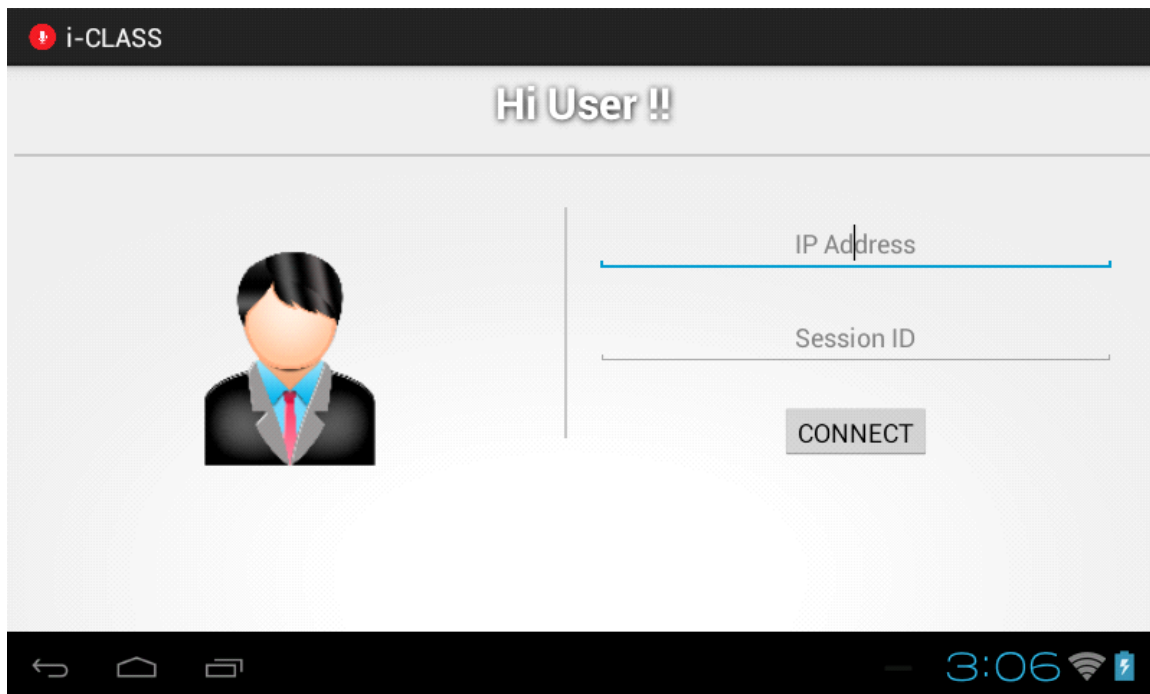
Establishing Connection

Connecting with the local server (Lecturer's computer)

The user has to connect to the local server in order to send his doubts (Audio and text) to the professor.

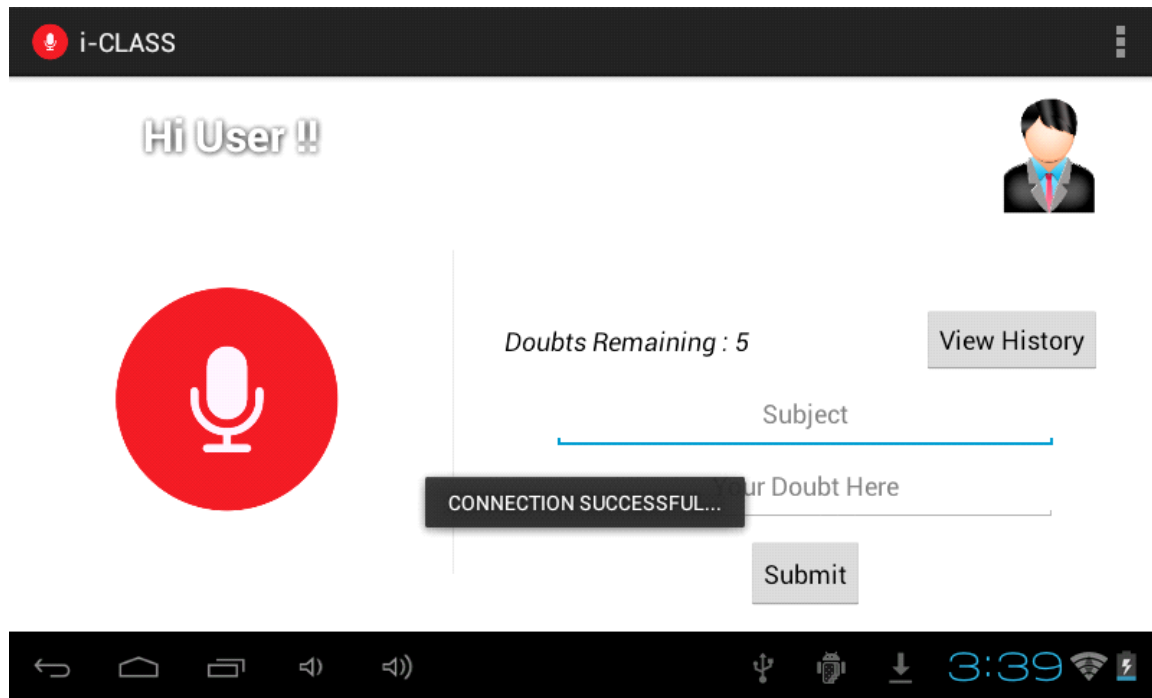
He does so by filling in the IP Address field and the session id field of the below shown activity screen.

Then click on the connect button.



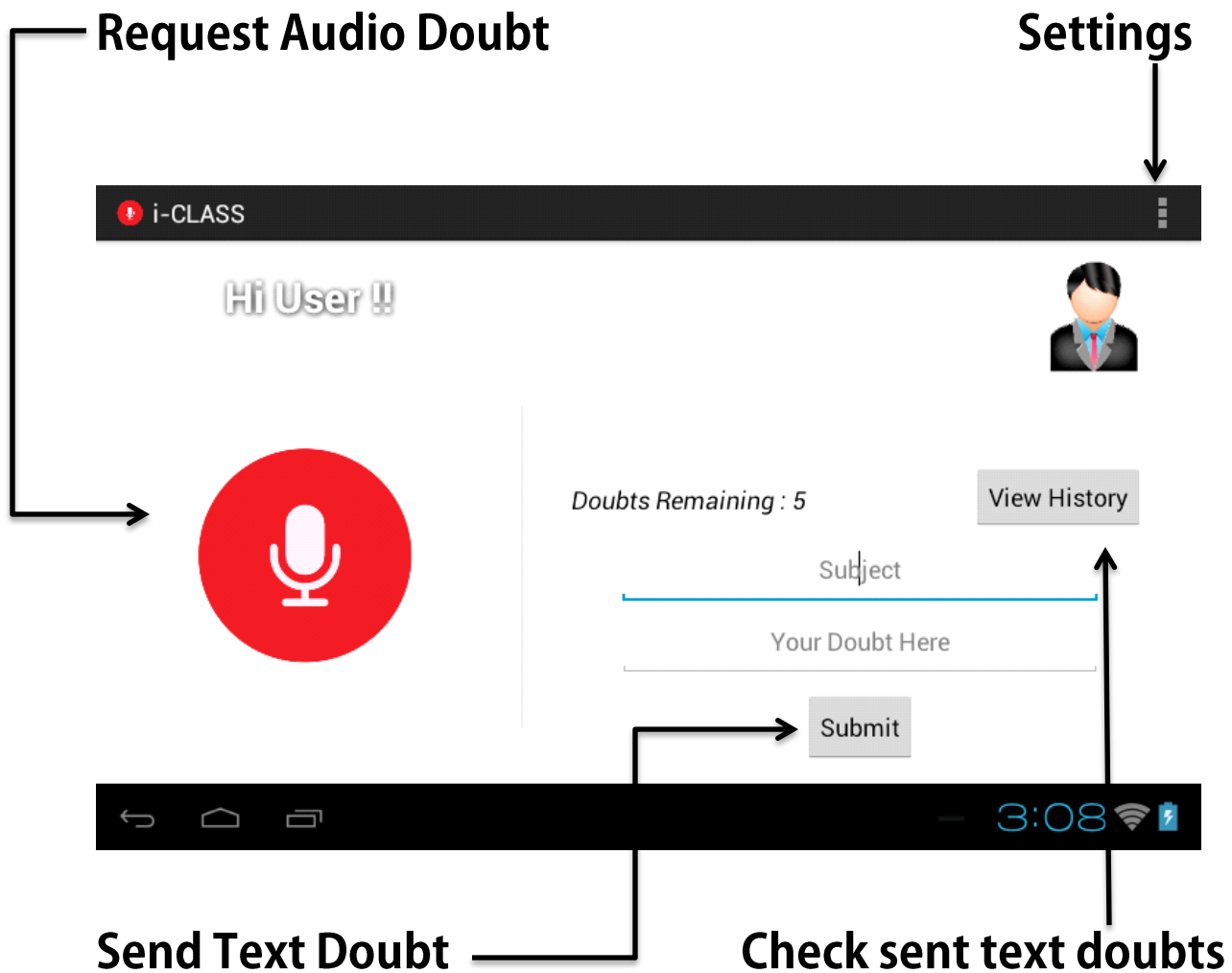
The screenshot displays the i-CLASS mobile application interface. At the top, a black header bar contains the text "i-CLASS" next to a red circular icon with a white "i". Below the header, a light gray banner displays "Hi User !!". The main content area is divided into two sections by a vertical line. On the left, there is a stylized icon of a person with black hair, wearing a black suit, blue shirt, and red tie. On the right, there are two input fields: the top one is labeled "IP Address" and the bottom one is labeled "Session ID". Below these fields is a gray button with the text "CONNECT". At the bottom of the screen, there is a black navigation bar with three white icons (back, home, recent apps) on the left and a status bar on the right showing the time "3:06", a Wi-Fi signal icon, and a battery icon.

If the connection is successful, then a message will appear on the screen showing that the user's device is successfully connected to the server.



After successful connection with the server, the user is brought to the main screen of the application.

Here the user has got two choices, either he/she can go for a text doubt , or can press the microphone icon in the left, in order to ask a question live through audio streaming.



The Main Activity

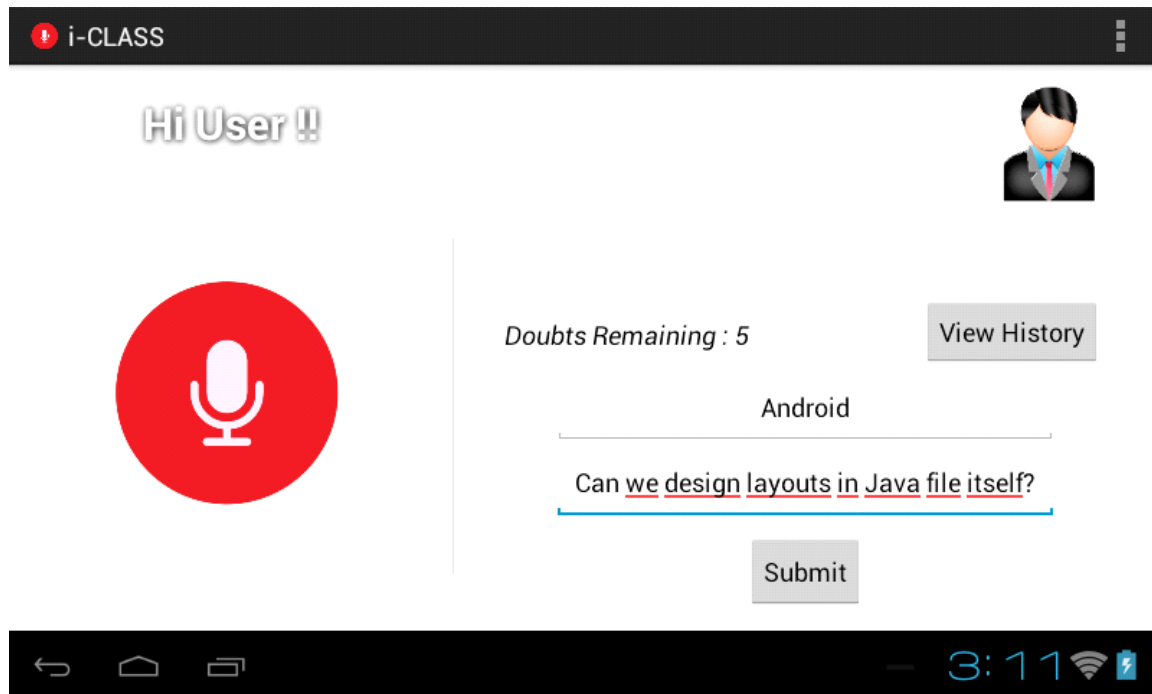
SECTION 3

Sending Text Doubt

Sending a Text Doubt

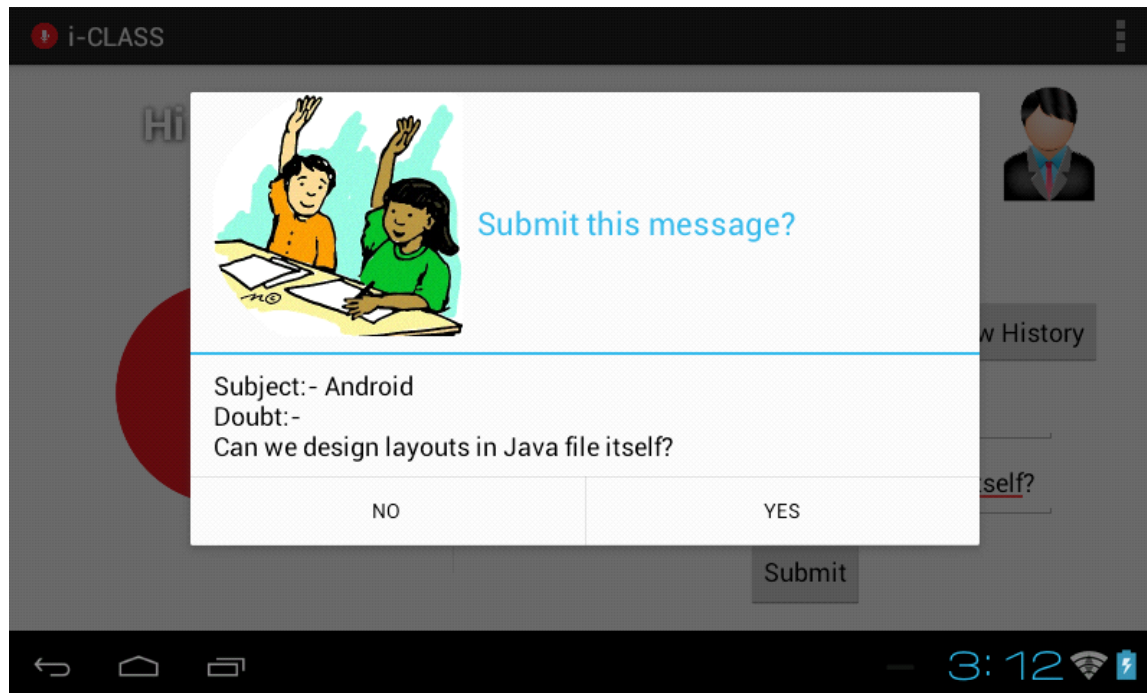
In order to send a doubt in the text form, the user has to first fill in the topic (subject) of the doubt and then the main doubt in the next field.

After filling in both the fields, click the 'Submit' button to send the text message.



The screenshot shows the i-CLASS app interface. At the top, a black header bar contains a red notification icon, the text "i-CLASS", and a menu icon. Below the header, the text "Hi User !!" is displayed on the left, and a user profile icon (a person in a suit) is on the right. In the center-left, there is a large red circular button with a white microphone icon. To the right of this button, the text "Doubts Remaining : 5" is shown above a "View History" button. Below this, there is a text input field with the word "Android" entered. Underneath the input field, the text "Can we design layouts in Java file itself?" is displayed. At the bottom of the input area is a "Submit" button. The bottom of the screen features a black Android navigation bar with back, home, and recents icons on the left, and a status bar on the right showing the time "3:11", signal strength, and battery level.

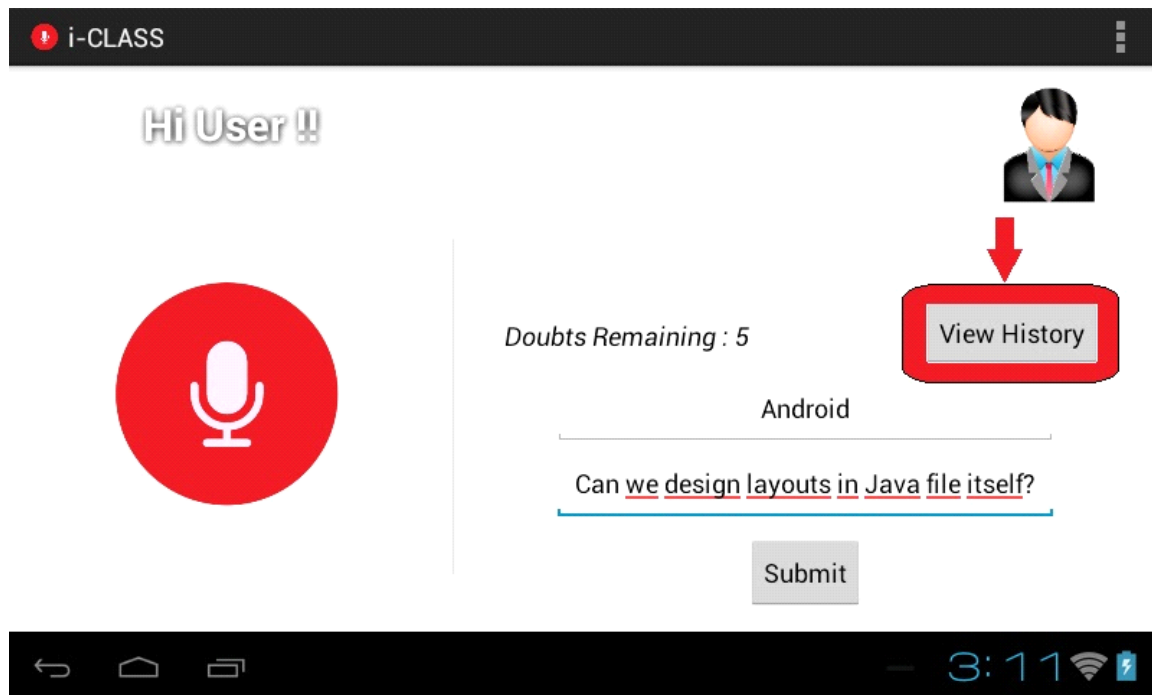
A confirmation dialog box will appear to the user regarding whether he/she really wants to send the doubt as shown below...



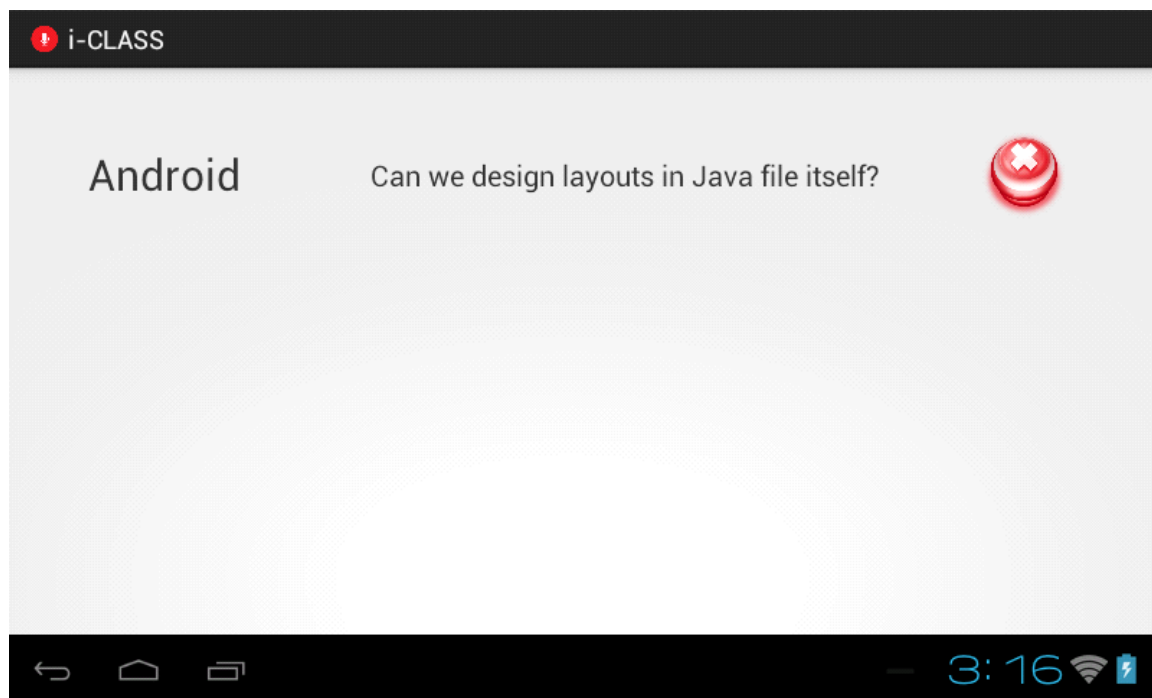
After confirmation, the text doubt will go into the waiting queue in the Lecturer's server.

Depending on the state of the lecturer in the Server's side, the professor may or may not reply to the text doubt. It is totally on the lecturer whether to accept a doubt waiting in a queue or to simply reject it.

All the text doubts which a user has asked can be seen by clicking the view history tab as shown below:-



After clicking on the view history the following screen will appear.



The user can click on the cross as shown above in order to cancel the text doubt.

It will be removed from the server's list also.

Note: All the text doubts which were asked in a particular server session are being maintained in a forum where anyone can view the questions anytime. The Lecturer or any assistant of him can answer those questions which were not answered in the classroom in this forum.

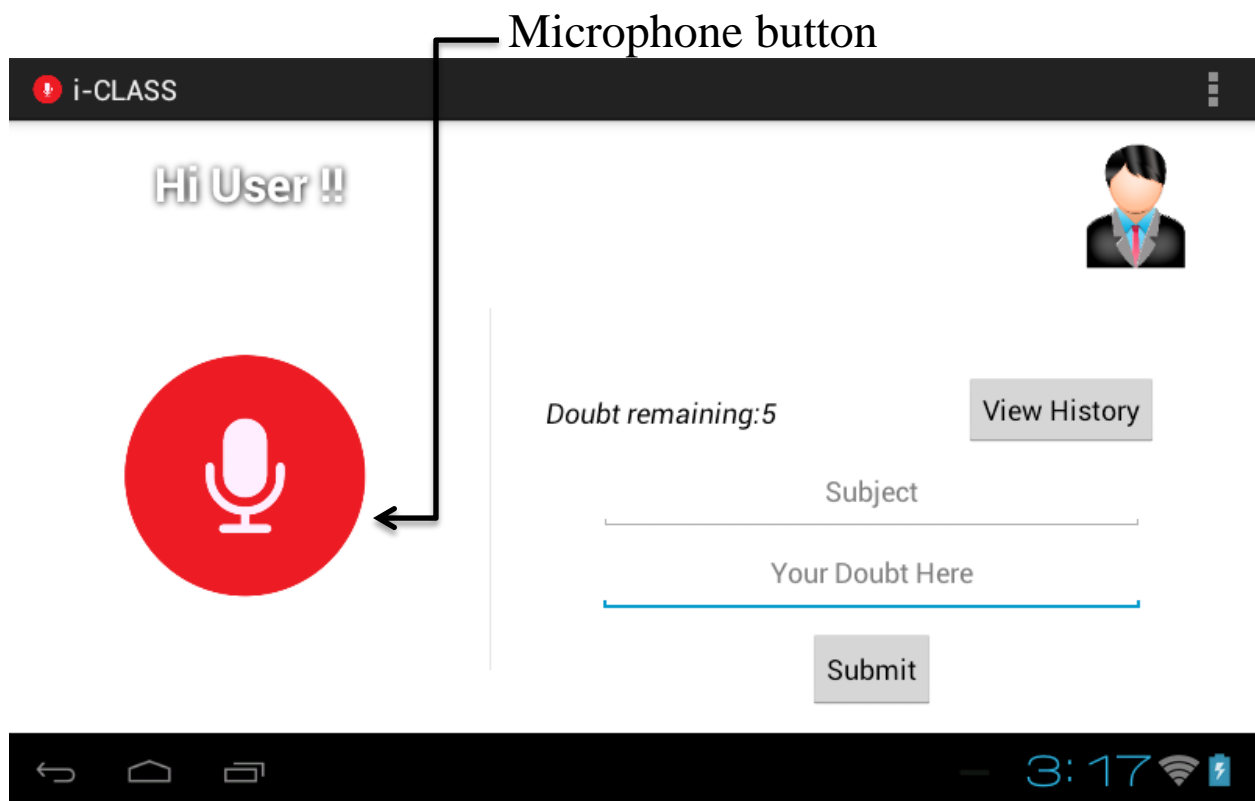
SECTION 4

Sending Audio Doubt

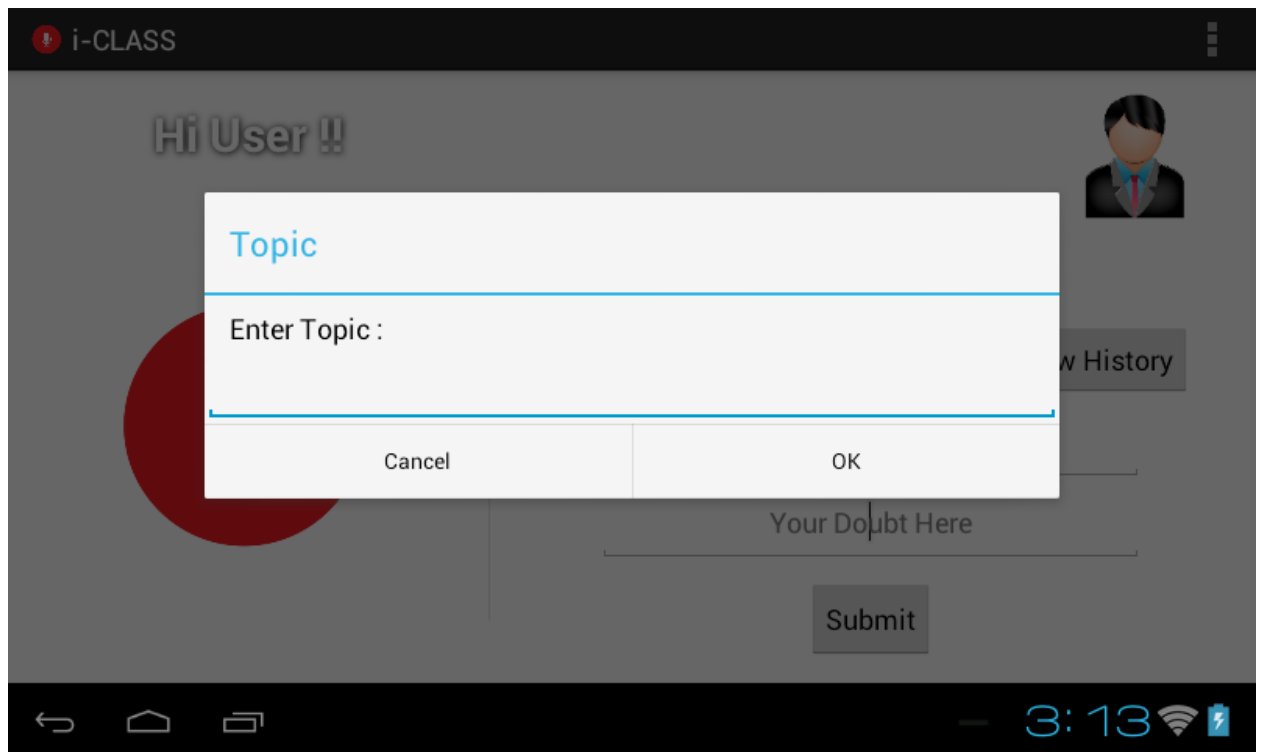
ASKING AN AUDIO DOUBT

To ask an audio doubt,

1. Tap the red 'Microphone' icon on the main screen.



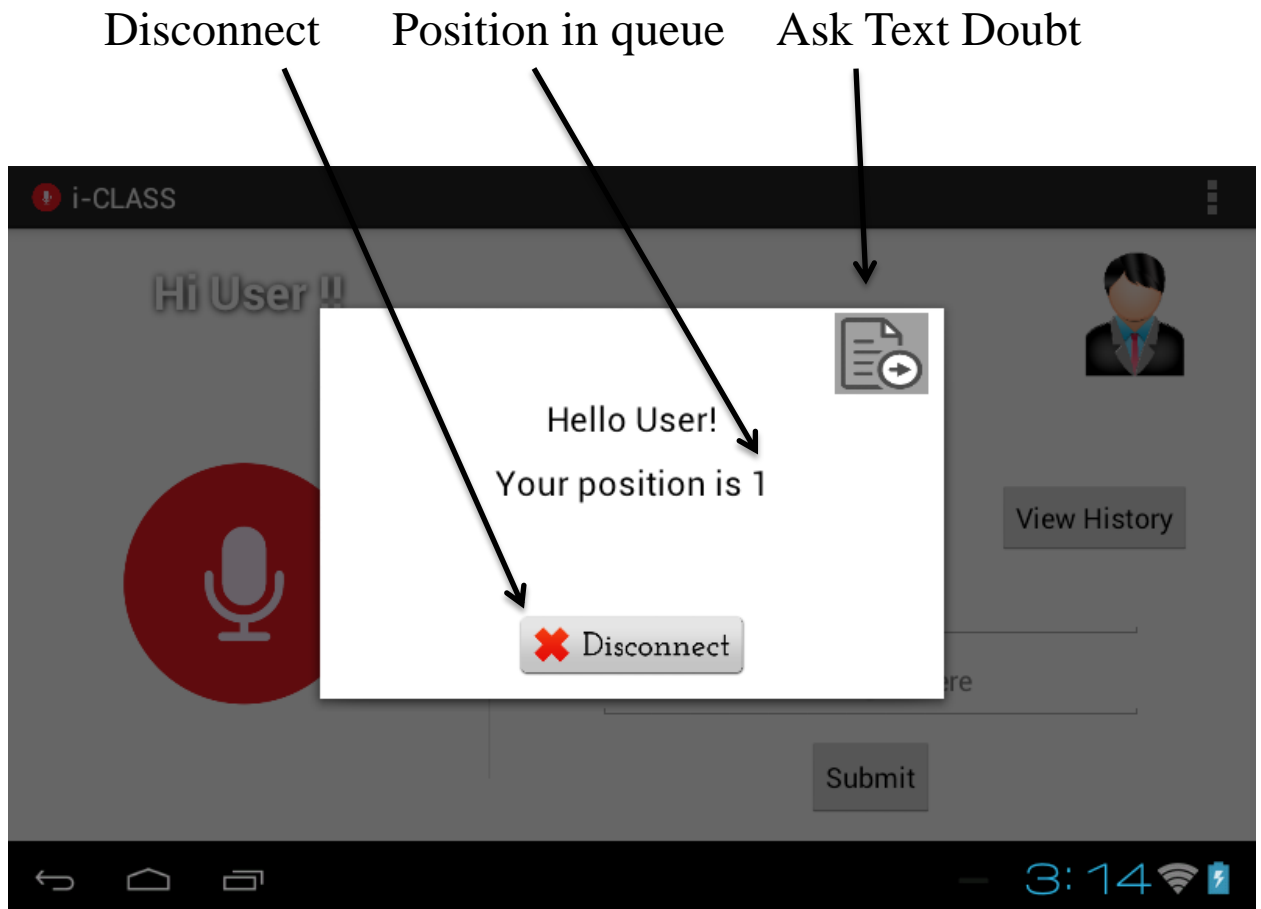
2. Now, the user has to enter the topic to provide the professor a gist of what the doubt might be about.



The screenshot shows the i-CLASS app interface. At the top, there's a header bar with the i-CLASS logo and a menu icon. Below the header, the text "Hi User !!" is displayed. A user profile icon is visible in the top right corner. A modal dialog box titled "Topic" is open in the center, featuring a text input field labeled "Enter Topic :". Below the input field are two buttons: "Cancel" and "OK". In the background, a large red circle is partially visible. Below the dialog box, there's a text input field labeled "Your Doubt Here" and a "Submit" button. At the bottom of the screen, there's a navigation bar with standard Android icons (back, home, recent apps) and a status bar showing the time as 3:13 along with Wi-Fi and battery icons.

NOTE: This field is compulsory. Leaving it empty won't allow the user to send the doubt.

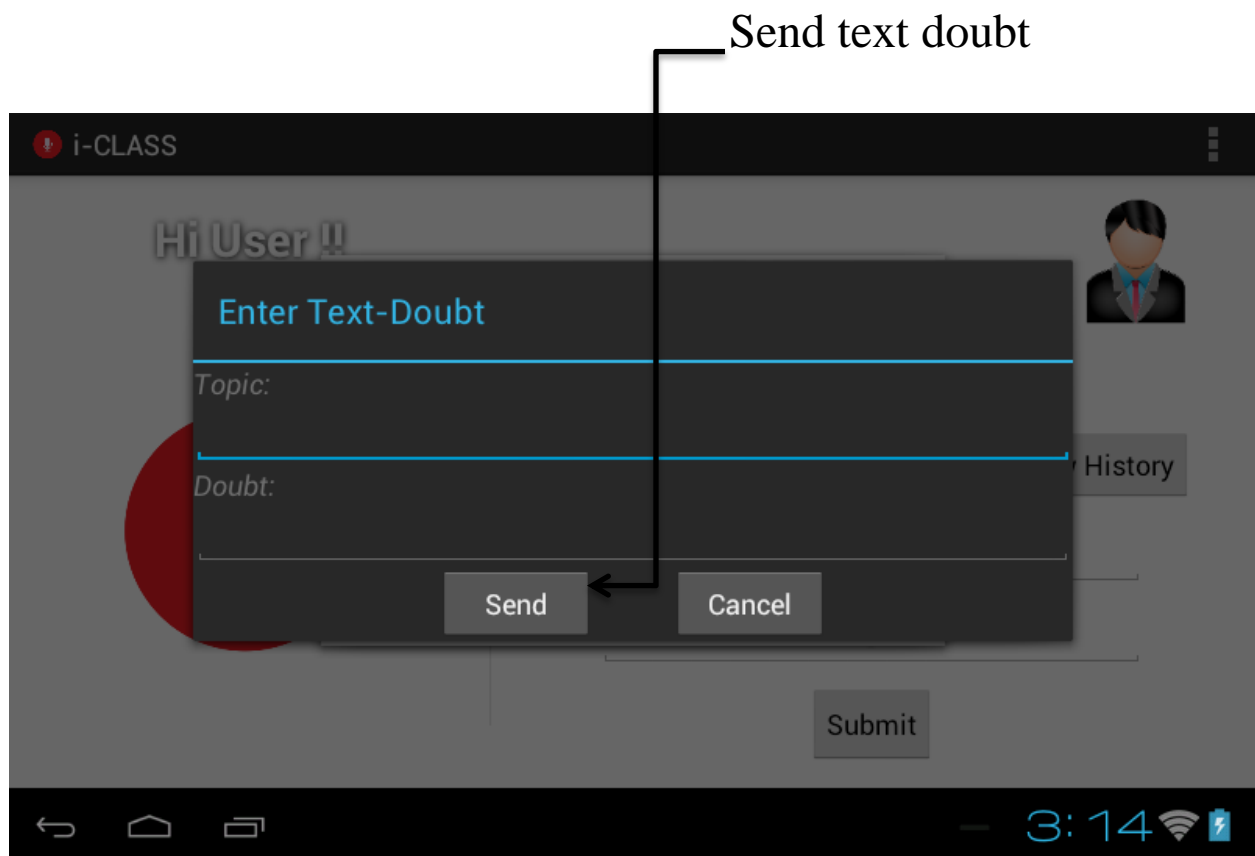
3. Then, the following activity appears on the screen.



Here, your position number in the waiting queue is displayed. The waiting queue consists of all the audio requests sent to the server from various users. The professor can select any of the audio requests.

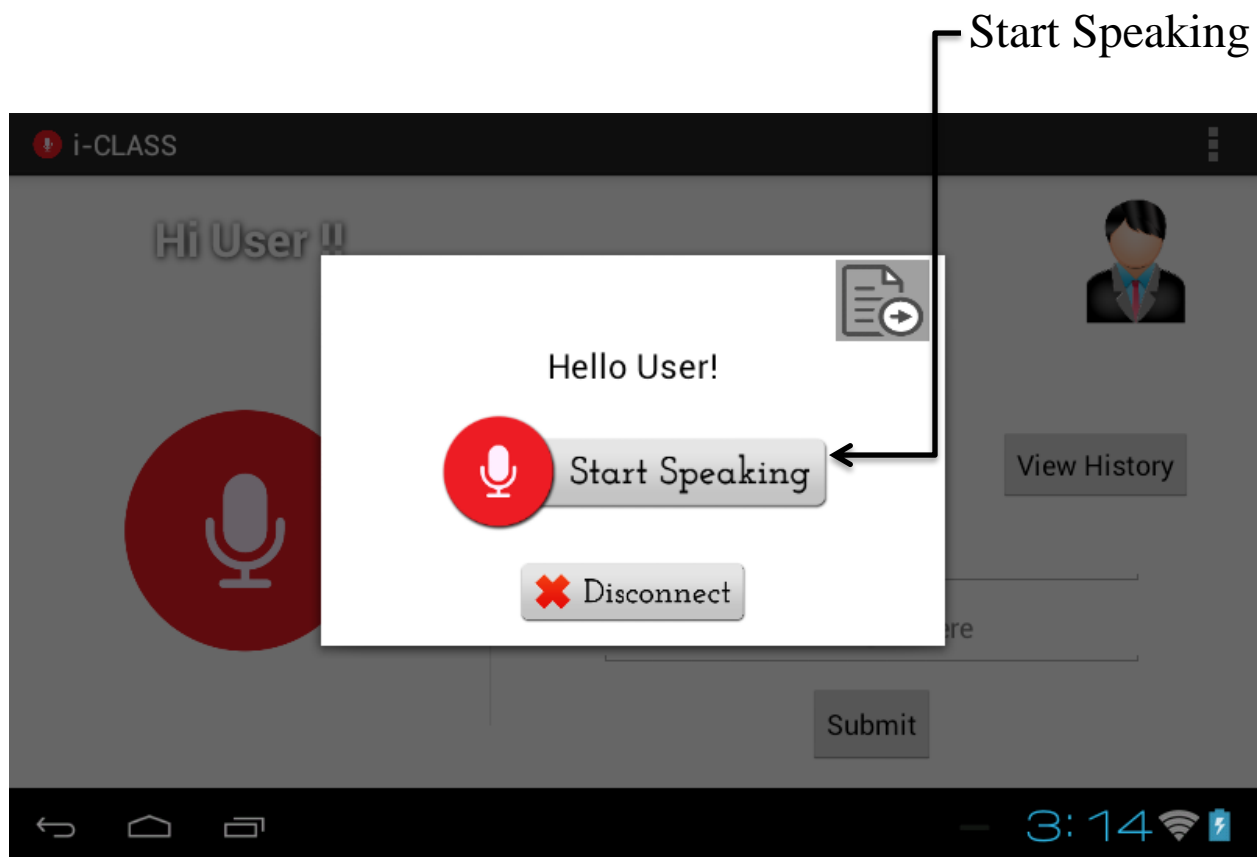
Here, the user has various options.

- a. If he wants to discontinue at any point of time during his waiting, he can press the 'Disconnect' button to exit to the main screen.
- b. If he wants to ask a text doubt as well while waiting in the queue, he can press the 'Text Doubt' button, which on result opens the following activity.

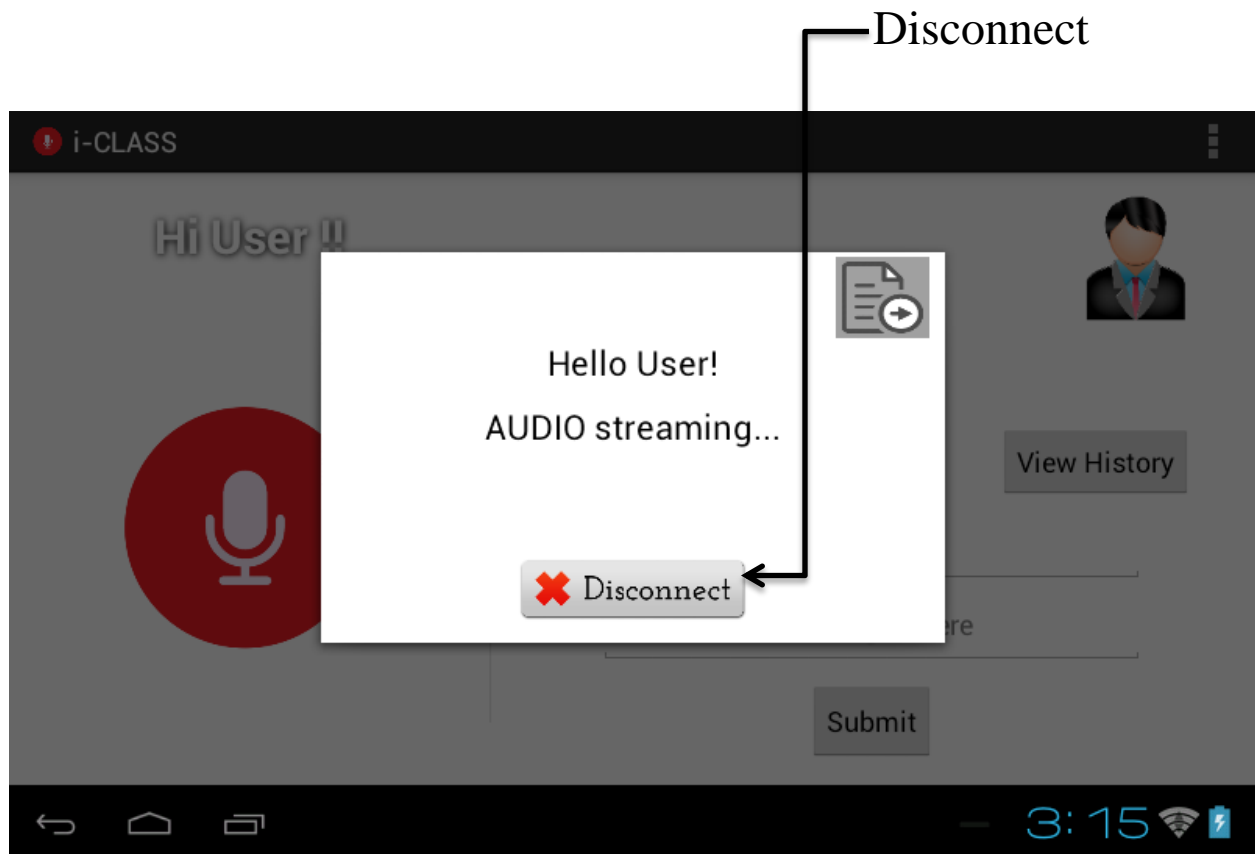


The user should enter the topic and the doubt details in the fields provided and press the 'Send' button to send the doubt.

- c. If the audio doubt request is accepted by the professor, you get a 'Start Speaking' button on your screen, as a confirmation from the professor that your request has been accepted.



If the user presses this button, his audio streaming starts and he can continue to speak as long as he wishes.



When the user wishes to stop, he can press the 'Disconnect' button and go back to the main screen.

d. If the professor rejects your request, the following dialog shows up on your screen.

