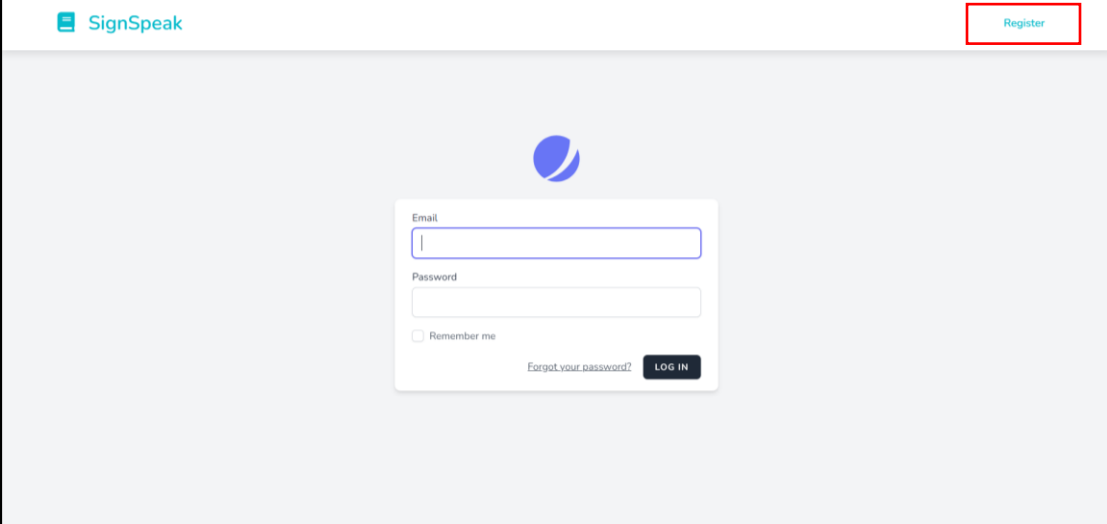


Text Instruction

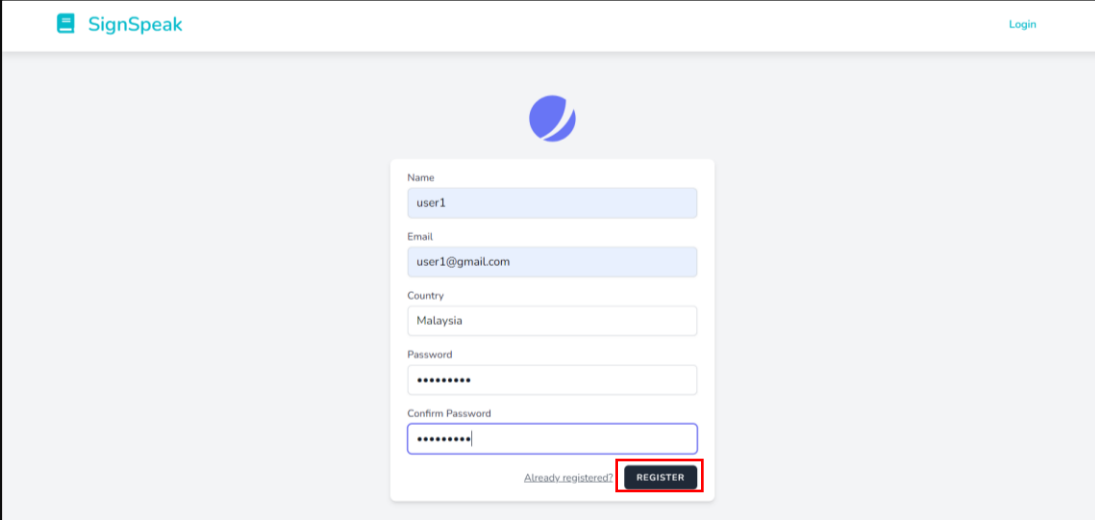
Registration

1. To register a new student account. Click the 'Register' button.



The image shows the SignSpeak login page. In the top right corner, there is a red rectangular box highlighting the 'Register' link. The main content area features a login form with fields for 'Email' and 'Password', a 'Remember me' checkbox, a 'Forgot your password?' link, and a 'LOG IN' button. A blue circular logo is centered above the form.

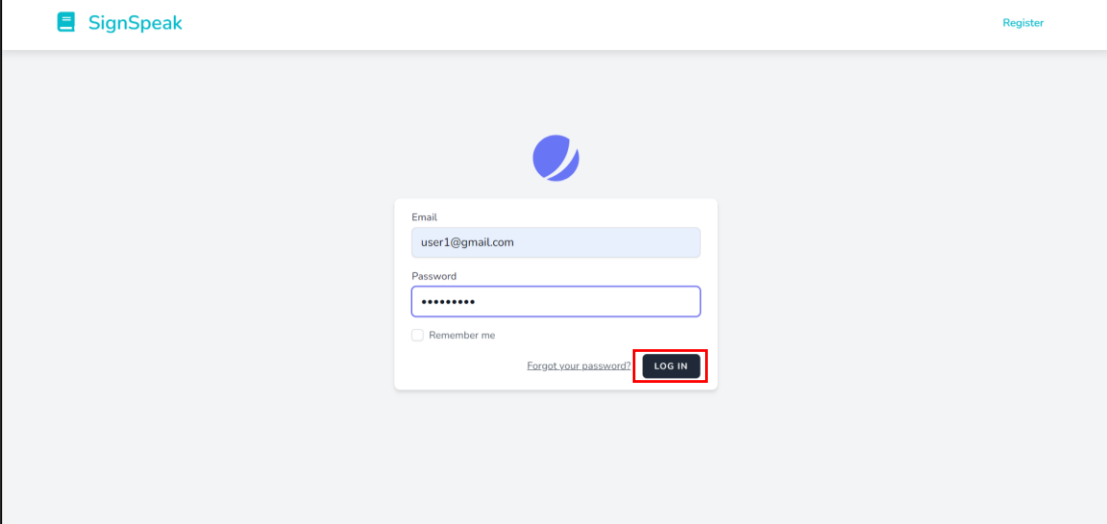
2. Enter name, email address, country, password and confirm password. Click the 'Register' button.



The image shows the SignSpeak registration page. The form includes fields for 'Name' (filled with 'user1'), 'Email' (filled with 'user1@gmail.com'), 'Country' (filled with 'Malaysia'), 'Password' (filled with '*****'), and 'Confirm Password' (filled with '*****'). At the bottom right, there is a red rectangular box highlighting the 'REGISTER' button. A link for 'Already registered?' is located to the left of the button. The SignSpeak logo and a 'Login' link are visible in the top header.

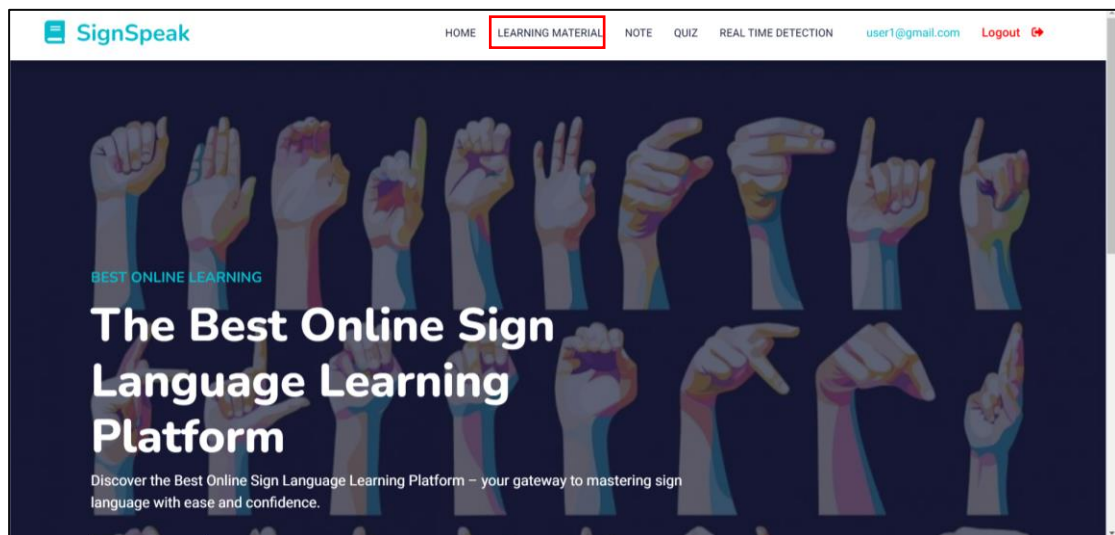
Login

1. Enter a valid email and password. (Email: user1@gmail.com, Password: User12345). Click the 'Log In' button.

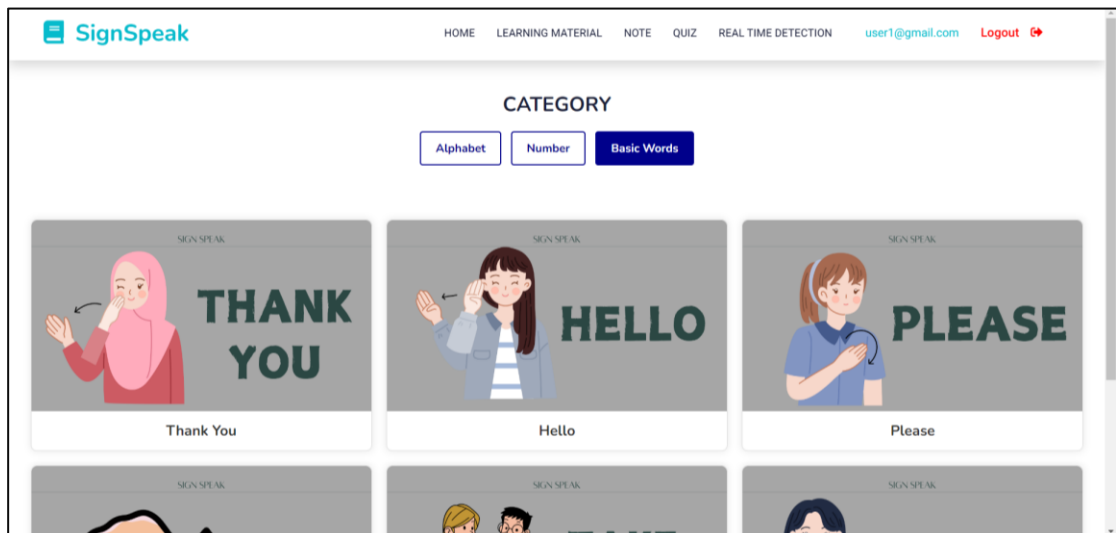
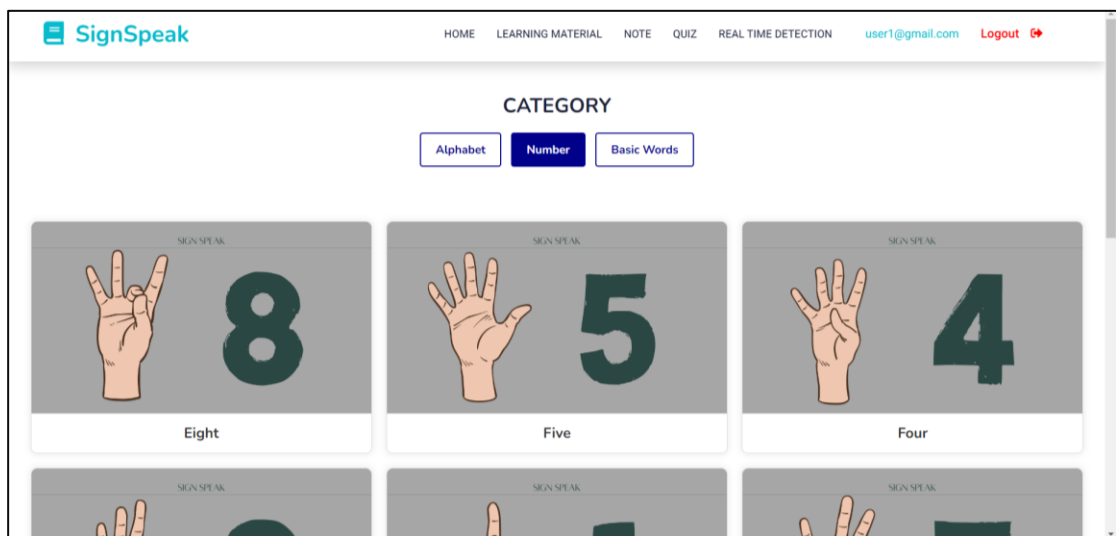
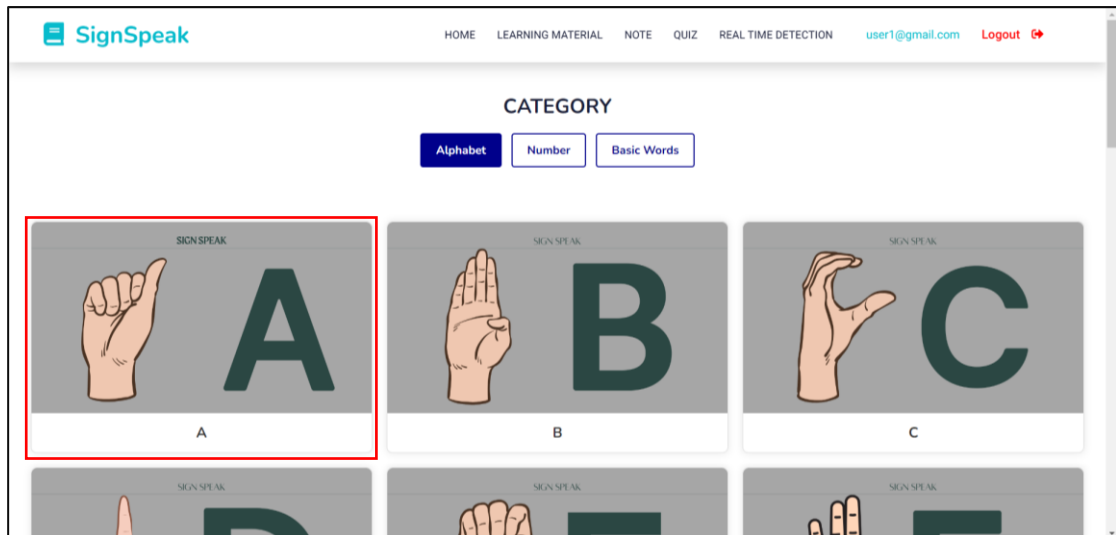
The image shows the SignSpeak login page. At the top left is the SignSpeak logo, and at the top right is a 'Register' link. In the center is a login form with a blue circular icon above it. The form contains an 'Email' field with 'user1@gmail.com', a 'Password' field with masked characters, a 'Remember me' checkbox, a 'Forgot your password?' link, and a 'LOG IN' button which is highlighted with a red rectangle.

Student Account – Learning Material

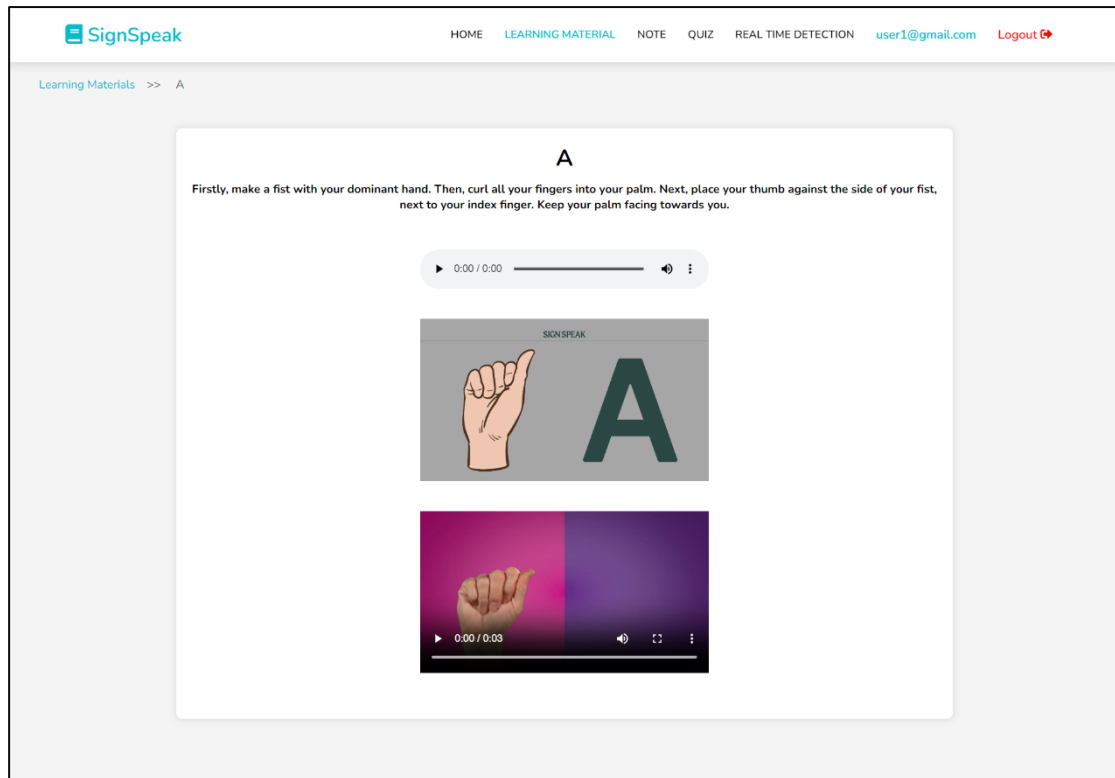
1. The figure below shows the home page of the SignSpeak ASL Learning System. Click on the 'Learning Material'.



2. The figure below shows all learning materials categorized by alphabet, number, and basic word. Users can click on the learning material to view its details.

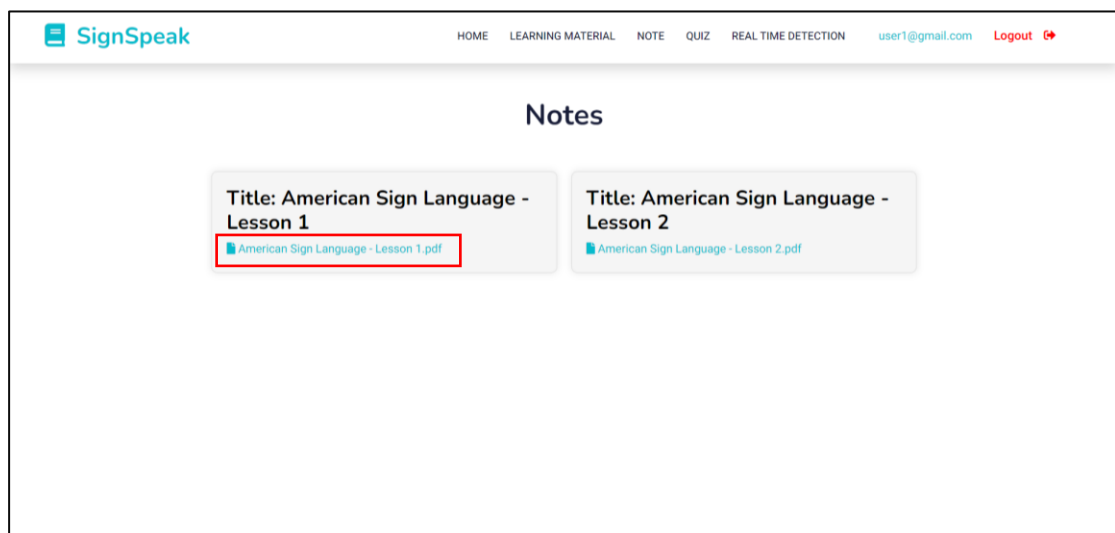


3. The figure below shows the details of the learning material.



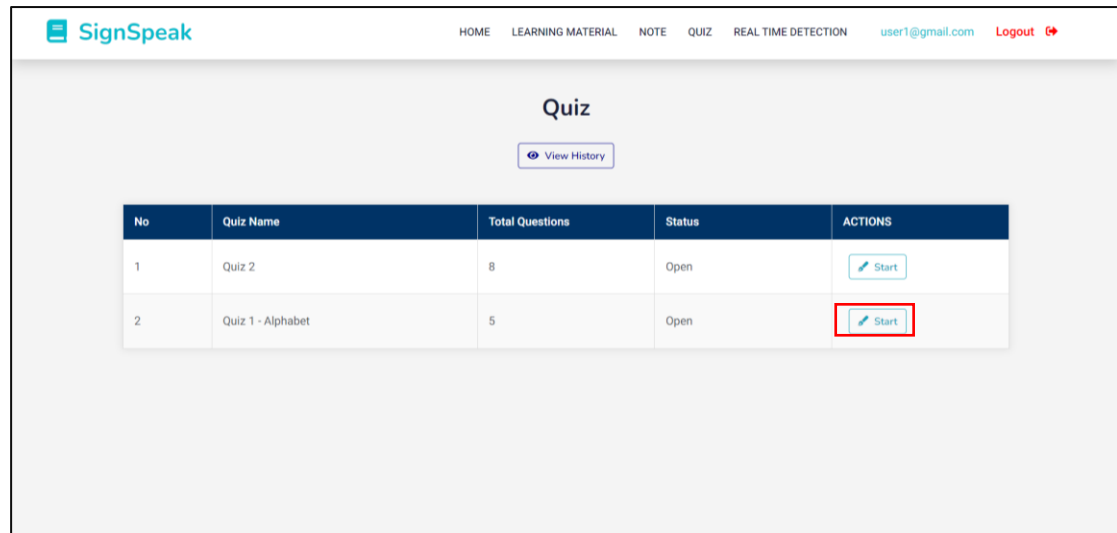
Student Account – Note

1. Click on 'Note'. The figure below shows all notes that can be downloaded by a user. Users can click the PDF link to download the note in PDF format.

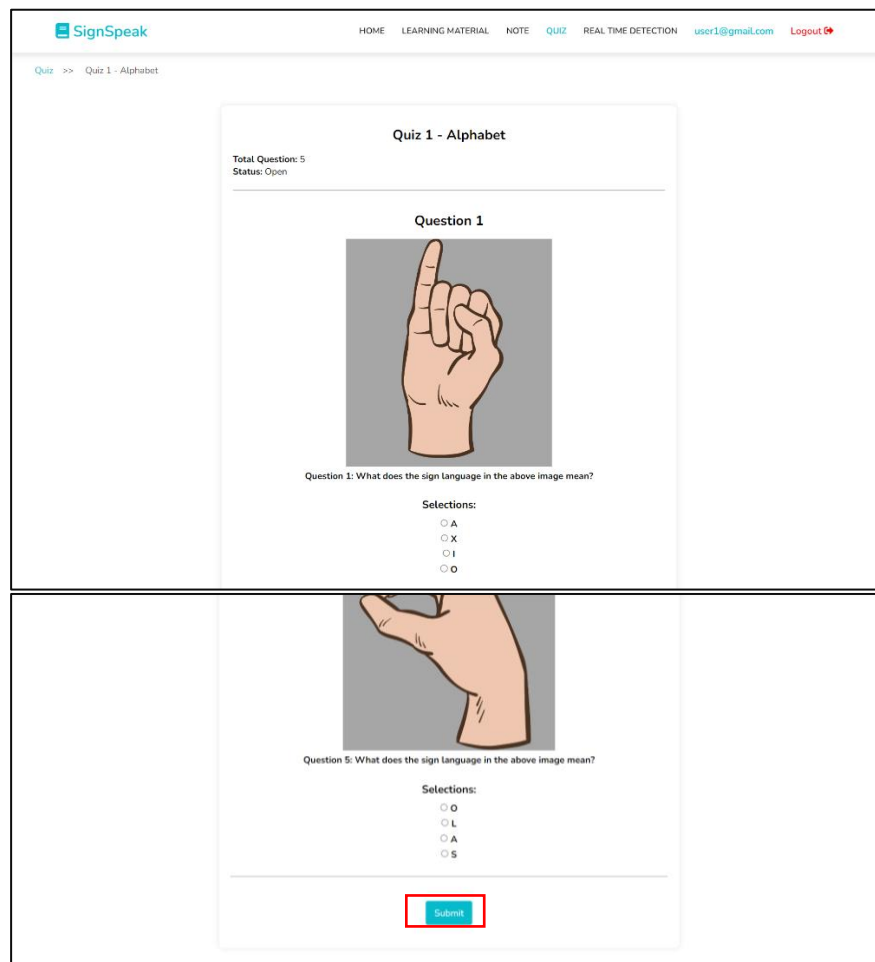


Student Account – Quiz

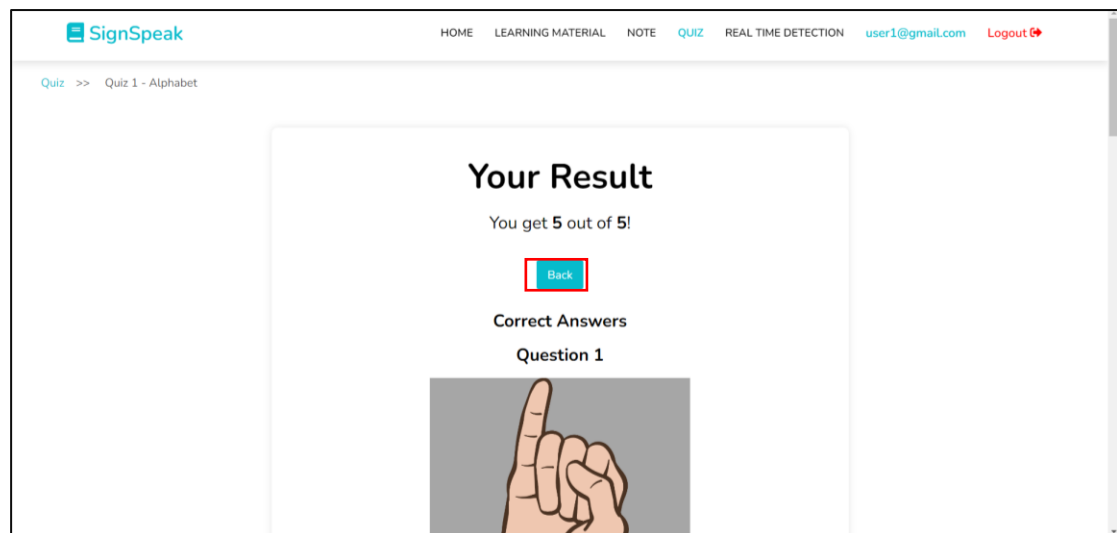
1. Click on 'Quiz'. The figure below shows all quizzes that users can complete to assess their learning outcomes. Click on the 'Start' button to start the quiz.



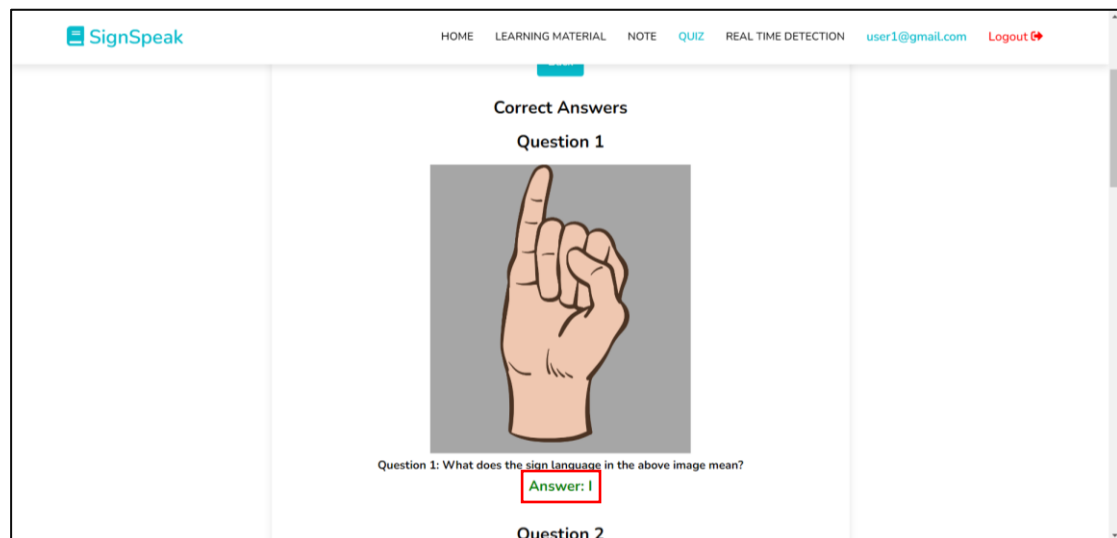
2. Answer all questions and click on the 'Submit' button to submit your answers.



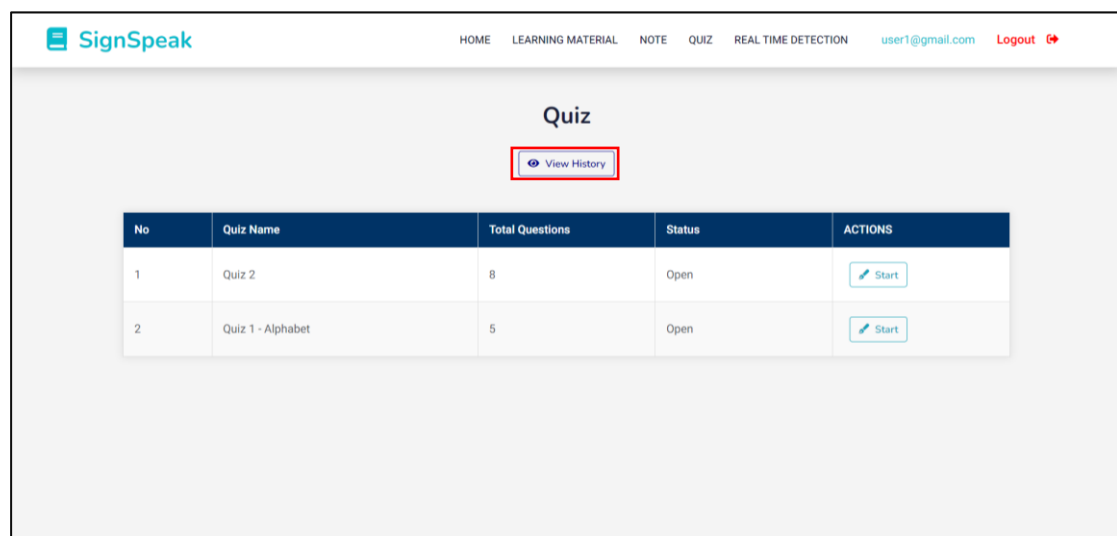
3. After the user submits the answers, the system will display the results and all correct answers. Users can click the 'Back' button to return to the quiz page.



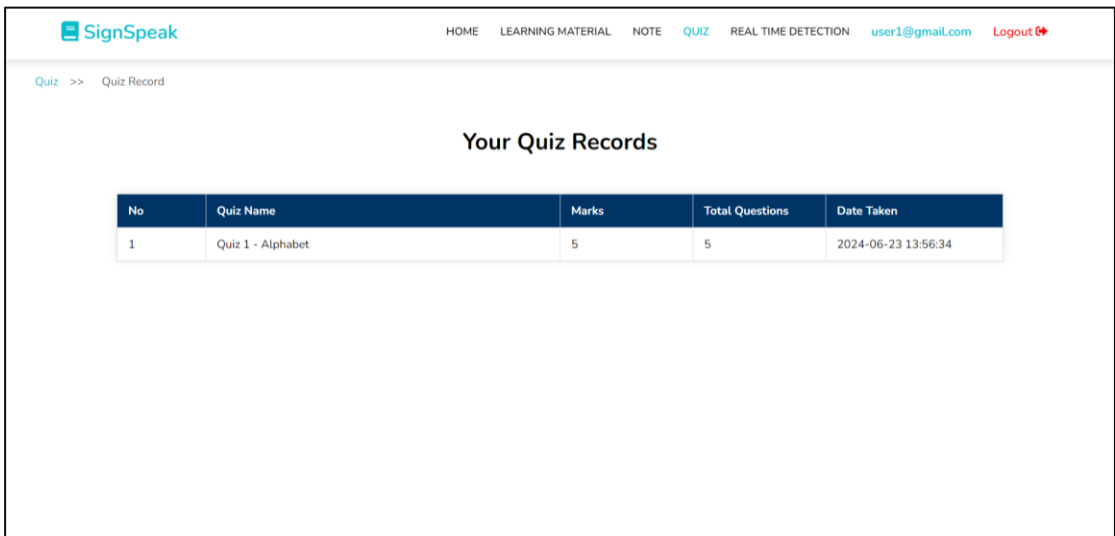
4. The figure below shows the correct answers for question 1.



5. Click the 'View History' button to see the quizzes you have completed before.



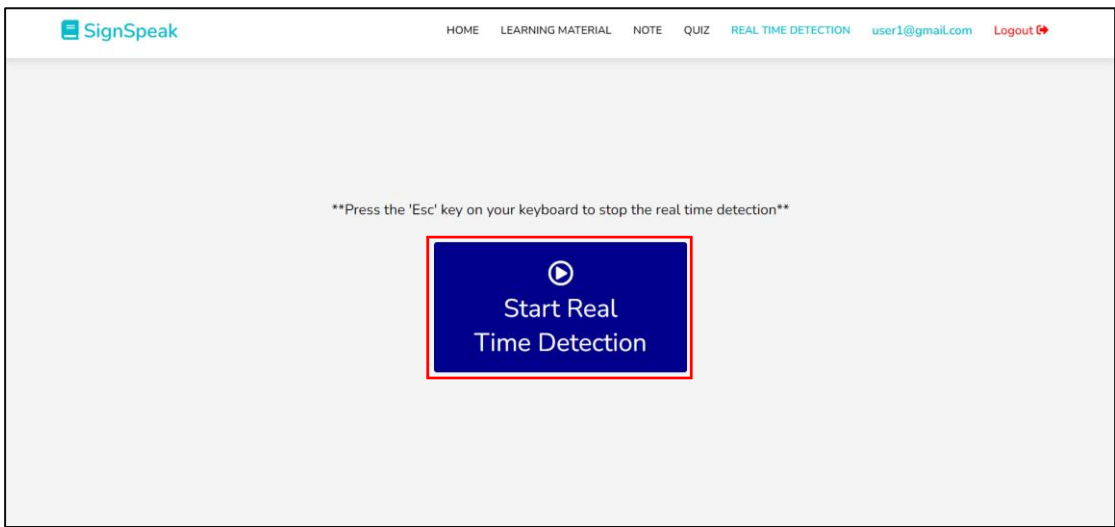
6. The figure below shows all quiz records.



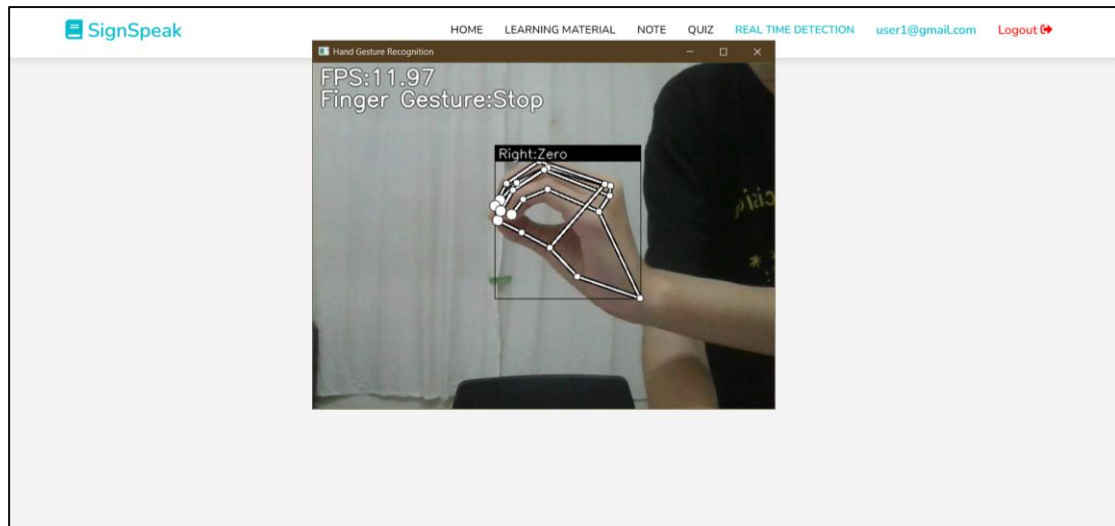
No	Quiz Name	Marks	Total Questions	Date Taken
1	Quiz 1 - Alphabet	5	5	2024-06-23 13:56:34

Student Account – Real Time Detection

1. Click on the 'Real Time Detection'. Then, click on 'Start Real Time Detection' to start the real time sign language detection. It will detect hand gestures used to sign numbers from zero to nine.



2. The camera will be activated, and users can perform sign language to enable the system to detect their gestures. The figure below shows how the sign language can be detected by the system.



3. To stop real-time detection, users can press the 'Esc' key on the keyboard.

Student Account – Profile

1. Click on the email to update user profile.

Student Account – Logout

1. Click on 'Logout' button to logout.

