Testing

Test Scenario	Login to the application					
Pre-Requisite	A valid user account					
Post-Requisite	N/A					
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Valid email and password	1. Go to the login page 2. Enter email and password 3. Click login	Email: havini@gmail.com Password: Havini@123	Login to the application.	Login to the application.	Pass
2	Valid email and incorrect password		Email: havini@gmail.com Password:	Display the error message	Display the error message	Pass
3	Invalid email and correct password		Email: Password:	Display the error message	Display the error message	Pass
4	Invalid email and incorrect password		Email: Password:	Display the error message	Display the error message	Pass

Test Scenario	Register a teacher or student					
Pre-Requisite	N/A					
Post-Requisite	N/A					
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Enter new data.	1. Registration Form 2. Enter data 4. Press Register	Email: windy@gmail.com First Name: Windy Last Name: Silva	New user is created. User will see a success message.	New user is created. User will see a success message.	Pass
2	Enter new data but previously used email no		Email: windy@gmail.com First Name: Windy Last Name: Perera	Display the error message	Display the error message.	Pass
3.	No data entered.		No input	Display the error message	Display the error message	Pass

Test Scenario	Update user details
Pre-Requisite	User must log into the system
Post-Requisite	N/A

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Check with valid Data	1. Run the system 3. Go to Edit Profile 4. Enter details 5. Press submit	Mobile No: 0714596328	User will see a success message.	A success message was displayed.	Pass
2	Check with an invalid data		Mobile No: 071459632	Display error	Display error	Pass
3	Press edit button with empty fields		No input	Display error	Display error	Pass

Test Scenario	Upload Lesson
Pre-Requisite	Teacher must log into the system
Post-Requisite	N/A

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Enter new data.	1. Select a grade 2. Select a subject 3. Upload lesson 4. Press Upload	Grade: Grade 1 Subject: Mathematics Lesson: Numbers.mp3	Content uploaded successfully.	Content uploaded successfully.	Pass
2.	No data entered.		No input	Display the error message	Display the error message	Pass

Test Scenario	Create a discussion					
Pre-Requisite	Teacher must log into the system					
Post-Requisite	N/A					
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Enter new data.	1. Go to discussion. 2. Enter the topic. 3. Select send.	Question: "Is '1' odd or even?"	A discussion is added.	A discussion is added.	Pass

Test Scenario	Add comments to the discussion.					
Pre-Requisite	Student must log into the system					
Post-Requisite	N/A					
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Enter new data.	1. Go to discussion. 2. Select a question.	Question: "Is '1' odd or even?" Comment:" I think it's even"	A thread is created.	A thread is created.	Pass

		3. Post the comment. 4. Press send.				

Test Scenario	Create Quiz					
Pre-Requisite	Teacher must log into the system					
Post-Requisite	N/A					
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Enter new data.	1. Go to quiz. 2. Select Subject. 4. Enter data. 5. Press send.	Quiz Id: Q1 Topic Name: Numbers Grade: Grade one	New quiz is created.	New quiz is created.	Pass
2.	No data entered.		No input	Display the error message	Display the error message	Pass

Test Scenario	Add creations to exhibition.					
Pre-Requisite	Teacher or Student must log into the system					
Post-Requisite	N/A					
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Enter new data.	1. Enter Caption. 2. Upload the creation or the video.	Caption: A night view.	Image successfully uploaded.	Image successfully uploaded.	Pass
2.	No data entered.	4. Press Submit. 5. Enter creation.	No input	Display the error message	Display the error message	Pass

Test Scenario	View exhibition and cheer for them.					
Pre-Requisite	Student and teacher must log into the system					
Post-Requisite	N/A					
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)

1	Enter new tag name.	1. Choose the post. 2. Press Like button.	Shows the like count.	Shows the like count. Ordering the posts with more likes at the top.	Shows the like count. Ordering the posts with more likes at the top.	Pass

Test Scenario	Change course selected by a teacher					
Pre-Requisite	Admin must log into the system					
Post-Requisite	N/A					
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Check with valid Data	1. List registered teachers 3. Go to change courses. 4. Enter details 5. Press submit	Previous grade: Grade 1 Previous subject: Mathematics. New grade: Grade 2 New subject: Sinhala	Course details will change.	Course details will change.	Pass
2	Press edit button with empty fields		No input	Display error	Display error	Pass

Test Scenario	Accept an unregistered teacher to the system
Pre-Requisite	Admin must log into the system
Post-Requisite	N/A

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Test Result (Pass / Fail)
1	Enter new data.	1. List waiting teachers. 2. View profile 3.Accept	Profile: Havini Silva	Teacher is accepted.	Teacher is accepted.	Pass

Individual Contribution

Member 1

Student ID: 19001797

Student Name: P.V.E.U. Vithana

Group ID: CS-36

Group Name: CS-36

Name of the component (s): Student Role

1. View Content
2. View Quiz
3. View Leaderboard
4. Update Exhibition
5. View Exhibition
6. Discussion with students
7. Update Profile

Description of the component(s)

View Content

o Students can view the pdfs and videos uploaded by the teachers relevant to their grades and subjects.

View Quiz

o Quizzes can be viewed according to their modules of subjects under their respective grades.

View Leaderboard

o Students are allowed to view their current rank according to their performance in the quiz and the top three students are displayed.

Update Exhibition

o Students are allowed to upload their creations such as drawings, handicrafts, poem reciting, karaoke signings to their exhibition.

View Exhibition

o Students can view their creations.

Discussion with students

o Students can discuss their subject matters with their peers using this discussion area.

Updating Profiles

o Students can update and view their profile details.

Member 2

Student ID: 19000822

Student Name: K.A.D.N.H.Madhumadhavi

Group ID: CS-36

Group Name: CS-36

Name of the component (s): User Role Teacher

1. Content Uploading

2. Quiz Handling

3. Report generating

4. Student details handling

5. Discussion with children

6. Profile updating

7. Connecting the calendar to the database

Description of the component(s)

Content Uploading

- o Teacher can upload, view, and delete pdfs, videos, ppt for the students' selecting grades and subjects he is teaching.

Quiz Handling

- o Quizzes can be uploaded, deleted and view by teacher.

Student Details handling

- o Teacher can view the best students of his grades. It is updated. Selecting

Report Generating

- o Teacher can generate report using students using essential details selecting grades and subjects.

Discussion with children

- o Using the discussion teacher can discuss subject matters with children. After adding new topic by the teacher students can be answered to them.

Updating Profiles

- o Teacher can update her profile picture, and other details with adding new qualifications. All updates can be viewed by the teacher

Student Details handling

- o Teacher can view the best students of his grades. It is updated. Selecting grade and subject all details can be seen by the teacher.

Report Generating

- o Teacher can generate report using students using essential details selecting grades and subjects.

Discussion with children

- o Using the discussion teacher can discuss subject matters with children. After adding new topic by the teacher all students can be answered to them.

Updating Profiles

o   Teacher can update her profile picture, and other details with adding new

Connecting the calendar to the database

        o   Using calendar, teacher can add, delete future events.

Member 3

Student ID: 19001851

Student Name: B S Weerasinghe

Group ID: CS-36

Group Name: CS-36

Name of the component(s): User Role Admin.

1. User
    * Admin
    * Teacher
    * Student
2. Chat
3. Report generation
4. Payment
5. Admin Functionalities

Descriptions of component(s):

User management
o   Search, Accept, Restrict teachers and students.

o   Update Teacher.

o   Generate chat history.

Chat

- o Chat system connecting Teacher, Admin and Student.

Report generation
- o Generate payment (subscription) reports filtered by student.

- o Generate salary reports (pay slips) of teachers.

- o Generate income reports filtered.

- o Generate Progress Report.

Payment

- o Student payment (Subscription) module.

Content Locking

- o Content locking of students and teachers.