

A Project
Report On

SpeakSpark(Online Language Learning Platform)

Submitted in partial fulfillment of the requirements for the award of degree of

Bachelor of Business Administration (Computer Application)

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Academic Year: 2022– 2023

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Acknowledgement

We would like to express our sincere and heartfelt gratitude to our institution "Indira College of Commerce and Science" which provided us with excellent opportunity to achieve our most cherished goal in life to become Bachelor degree in BBA-CA.

We are extremely grateful to our respected Vice Principal and HOD Prof, Shivendu Bhushan for providing excellent academic environment which has made this endeavour possible.

We take this opportunity to express our deep sense of gratitude to our guide Prof. Shubhangi Mam for their resplendent idea and constant encouragement in making this project unmitigated success. Their thoughtfulness and understanding was vast and thoroughly helpful in successful completion of project. Our sincere thanks to all our faculties and non-teaching staff for their at most co-operation.

Finally we proudly thank our parents and friends for their constant support and priceless guidance in throughout this endeavour.

Nikita Nair & Pooja Vishwakarma

Abstract

SpeakSpark is an online language learning platform that connects students with native English speakers for conversation practice. The Platform provides speaking English with a live tutor in one-on-one sessions.

The tutors on SpeakSpark are typically native English speakers from the US, UK, Canada and other English – speaking countries who offers conversation practice and help students improve their English speaking and listening skills.

They are available for conversation practice 24/7, and students can book a session at any time that is convenient for them.

During a session, students can discuss a wide range of topics, from everyday conversation to more academic or professional subjects, to practice speaking and listening in a real-world context.

It's accessible through a web browser on a computer or mobile device, and the platform has a user-friendly interface that makes it easy to book sessions, connect with tutors, and track progress.

Overall, SpeakSpark is an effective and convenient platform for individuals looking to improve their English language skills through conversation practice with a native speaker.

Motivation

1) Meeting the needs of language learners:

SpeakSpark has been successful in providing an easy and accessible platform for language learners to practice speaking with native speakers. Your project can aim to meet the needs of language learners who are looking for similar opportunities but with different features or in different languages.

2) Innovation and improvement:

Your project can be motivated by a desire to innovate and improve upon the existing model of SpeakSpark. You can identify areas where you believe SpeakSpark can be improved and work towards creating a better solution.

3) Market demand:

The popularity of SpeakSpark demonstrates that there is a demand for language learning platforms that connect language learners with native speakers. Your project can be motivated by a desire to tap into this market demand and provide a service that meets the needs of language learners.

4) Personal interest:

Motivated by a personal interest in language learning or technology, and creating a project similar to SpeakSpark may be a way to pursue this interest while also providing value to others.

5) Accessibility:

SpeakSpark has made language learning accessible to a wide range of individuals, regardless of their geographic location, schedule, or budget. Your project can aim to further increase accessibility by addressing the needs of individuals who face additional barriers to language learning, such as those with disabilities or limited internet access

6) Customization:

SpeakSpark offers a personalized learning experience, allowing learners to choose their own tutors and topics of conversation. Your project can aim to further enhance this customization by offering additional features such as language-specific content or AI-powered recommendations for tutors and topics.

7) Social interaction:

SpeakSpark provides a social learning environment, allowing learners to connect with others from around the world and practice their language skills in a supportive community. Your project can aim to further emphasize this social interaction by incorporating features such as group classes or community forums

8) Professional development:

SpeakSpark offers opportunities for individuals to become tutors and earn money while sharing their language skills with others. Your project can aim to provide similar opportunities for professional development or entrepreneurial ventures within the language learning industry.

9) Cultural exchange:

SpeakSpark facilitates cultural exchange by connecting individuals from different countries and backgrounds. Your project can aim to further promote this cultural exchange by offering additional features such as cultural activities or language immersion programs.

Problem Statement:

- Learning a new language can be challenging, especially for those who cannot practice with a native speaker.
- Traditional language learning methods, such as classroom instruction or self-study using textbooks or apps, often lack the interactive and engaging experience of speaking with a native speaker. Moreover, it can be challenging to find quality language tutors and schedule live video chat sessions at convenient times.
- To address these challenges, we are developing SpeakSpark, an innovative language learning platform that connects learners with native-speaking tutors from around the world.
- SpeakSpark provides a seamless and engaging experience for language learners, featuring customized lesson plans tailored to the individual needs and goals of each user, a progress tracking system, and a system that makes learning fun and rewarding. SpeakSpark also offers a review system that allows qc to rate the quality of the tutoring sessions they attend.
- Through SpeakSpark, learners can easily connect with experienced tutors who will help them improve their language skills and reach their goals. With the convenience of scheduling live video sessions and the added flexibility of learning from anywhere in the world, SpeakSpark makes language learning more accessible and enjoyable.

Objectives

1) Providing students with access to native English speakers:

SpeakSpark connects students with native English speakers from the United States, United Kingdom, Canada, and other English-speaking countries for one-on-one conversation practice.

2) Improving English speaking and listening skills:

The platform provides students with an opportunity to practice speaking and listening in a real-world context, which can help improve their overall English proficiency.

3) Offering flexible and accessible language instruction:

SpeakSpark is accessible through a web browser on a computer or mobile device, and students can book sessions at any time that is convenient for them. The platform also offers flexible pricing options to make language instruction accessible to a wide range of students.

4) Providing a user-friendly platform:

SpeakSpark has a user-friendly interface that makes it easy to book sessions, connect with tutors, and track progress.

5) Encouraging students to practice speaking English in a low-pressure environment:

By connecting students with friendly, native English-speaking tutors, SpeakSpark aims to provide a supportive and non-threatening environment for students to practice speaking English.

6) Supporting language learners of all levels:

SpeakSpark is designed for individuals of all English proficiency levels, from beginner to advanced. The platform offers a wide range of conversation topics and activities to support language learners at different stages of their language learning journey.

7) Enhancing cultural awareness:

SpeakSpark provides students with the opportunity to interact with native English speakers from different cultures, which can help increase their understanding of different cultures

Literature Survey:

- Language learning has been an area of interest for researchers for decades, with many studies focused on the effectiveness of different teaching methods and technologies.
- According to a study by the European Commission, learning a foreign language can provide numerous benefits, such as better job opportunities, enhanced cognitive function, and improved intercultural communication skills.
- Online language learning has become increasingly popular in recent years, with a growing number of learners turning to online tutoring platforms for language practice. A study by the Common Sense Advisory found that the online language learning market is projected to grow to \$5.5 billion by 2025.
- In terms of online tutoring platforms, SpeakSpark has been a successful player in the market, providing learners with access to native-speaking tutors for on-demand video chat sessions. However, there is still room for improvement in the online language learning space, particularly in terms of customized lesson plans, progress tracking, and engagement.
- Recent studies have emphasized the importance of personalized language learning, with research showing that learners are more likely to achieve their language learning goals when the instruction is tailored to their individual needs and preferences. Additionally, gamification has emerged as a promising approach for increasing learner motivation and engagement in language learning.
- Through our literature survey, we have identified a need for a more comprehensive and engaging language learning platform that addresses the shortcomings of current online tutoring services. SpeakSpark aims to fill this gap by providing learners with a personalized and engaging language learning experience that is tailored to their individual needs and goals.

Project Scope :

1) Flexibility:

Online learning platforms like SpeakSpark offer greater flexibility, as students can log in and take lessons at any time and from anywhere. This can be especially beneficial for students with busy schedules or who live far from language schools.

2) Personalization:

Online learning platforms like SpeakSpark offer a more customized experience, as students can choose their own tutor and set their own goals and learning pace. This allows students to focus on the areas that are most important to them and to receive tailored support from their tutor.

3) Access to native speakers:

Online learning platforms like SpeakSpark have a global network of native speakers, which can provide students with a more authentic and diverse learning experience.

4) Cost:

Online learning platforms like SpeakSpark offer a more affordable option, as students can take lessons at a fraction of the cost of traditional language schools. This makes language learning more accessible to a wider range of students.

5) Technology:

Online learning platforms like SpeakSpark take advantage of the latest technology to create an interactive and engaging learning experience. This can include video conferencing, audio tools, and other resources to support the learning process.

6) Convenience:

Online learning platforms like SpeakSpark offer a convenient way for students to learn, as they can participate in lessons from the comfort of their own home or any location with an internet connection

Scope of Existing System:

- 1) Traditional language schools are physical institutions where students attend classes in person and learn English in a classroom setting with a qualified teacher.
- 2) Enrollment: Students interested in attending a language school typically start by enrolling in a course that best fits their English proficiency level and language learning goals.
- 3) Language schools often offer a range of courses and levels, from beginner to advanced, and may also provide students with opportunities to practice speaking the language in real-world situations
- 4) Classroom instruction: Classes are typically held in a physical classroom with a qualified teacher who provides students with instruction on grammar, vocabulary, and speaking skills. Classes may also involve activities such as role-playing, group discussions, and presentations to help students practice their language skills in a real-world context.
- 5) Homework and assignments: In addition to classroom instruction, students may be required to complete homework and assignments outside of class to reinforce what they have learned and build their language skills.

Limitations of Existing System:

- 1) Scheduling: Traditional language schools typically have set class schedules, which may not be convenient for all students. This can be especially challenging for working individuals or those with busy schedules.
- 2) Cost: Traditional language schools can be expensive, especially for intensive programs or long-term courses. This may make it difficult for some students to afford to attend language classes.
- 3) Access to resources: While traditional language schools often provide students with access to resources such as textbooks and audio materials, these resources may not be up-to-date or tailored to the individual student's needs.
- 4) Limited exposure to native speakers: Traditional language schools may not have a large pool of native English speakers to work with, which can limit students' opportunities to practice speaking and listening with native speakers.
- 5) Inflexibility: Traditional language schools typically follow a set curriculum and pace, which may not be suitable for all students. Some students may need to repeat lessons or slow down their pace, but traditional language schools may not accommodate these needs.
- 6) Outdated teaching methods: Some traditional language schools may still rely on outdated teaching methods, such as rote memorization, which may not be as effective as more modern and interactive methods.

StakeHolders:-

1) Developers:

The team responsible for designing and building the SpeakSpark platform.

2) Language learners:

The primary target audience of the platform, who will be using it to learn and practice language skills.

3) Tutors:

The instructors who will be providing tutoring sessions on the platform.

4) Administrators:

The individuals responsible for managing and maintaining the SpeakSpark platform, including handling user accounts and addressing technical issues.

5) Investors:

Individuals or organizations who have provided funding or other resources to support the development of the SpeakSpark platform.

6) Quality Checkers:

Individuals responsible for ensuring that the tutoring sessions meet high quality standards, including assessing tutor performance and addressing any concerns or issues that may arise.

7) Payment Gateway Providers:

The third-party services responsible for processing payments made by users on the SpeakSpark platform. It is important to ensure that the payment gateway provider meets security and privacy standards to protect user information and transactions.

Requirement Analysis:-

- **User interface:**

The platform should have a user-friendly interface that is easy to navigate and visually appealing. The interface should work well on both desktop and mobile devices.

- **Performance:**

The platform should load quickly and respond promptly to user interactions. It should be able to handle a large number of concurrent users without significant performance degradation.

- **Security:**

The platform should have a high level of security to protect user information and privacy. It should also be able to prevent unauthorized access, data breaches, and other security threats.

- **Scalability:**

The platform should be scalable to accommodate a growing user base. It should be able to handle an increasing number of users without significant performance degradation.

- **Availability:**

The platform should be highly available and reliable to ensure that it is always accessible to users. It should have a high uptime percentage, minimal downtime, and fast recovery in case of failure.

Functional Analysis:

- **User registration and login:**

This feature allows users to create an account on the SpeakSpark platform by providing their personal information, such as name, email address, and password. This feature is essential to ensure that the user's progress and learning history are saved and easily accessible.

- **Ability for users to book and attend live video chat sessions with tutors:**

This feature allows users to book video chat sessions with qualified tutors who specialize in the language or subject they are interested in. The user can select the tutor based on their availability, expertise, and other criteria.

- **Customized lesson plans tailored to the individual needs and goals of each user:**

This feature allows users to get personalized lesson plans that are tailored to their individual needs and goals. This feature ensures that users can achieve their language learning goals effectively.

- **A system that makes learning fun and engaging:**

This feature makes learning fun and engaging by introducing elements of gamification, such as rewards, badges, and levels. This feature motivates users to learn and achieve their language learning goals.

- **Integration with third-party payment processing systems:**

This feature allows users to pay for the tutoring services on the platform through various payment methods, such as credit cards, PayPal, and other payment processing systems. This feature ensures that users can easily pay for the services they receive.

Performance Analysis:-

- **Load testing:**

SpeakSpark needs to ensure that its platform can handle a large number of users during peak hours. The load testing process should simulate user behavior and measure the platform's response time, throughput, and other key performance indicators. For example, SpeakSpark can simulate a large number of users booking tutoring sessions simultaneously and measure how the platform responds to this load.

- **Scalability:**

SpeakSpark needs to ensure that its platform can handle an increasing number of users without a significant degradation in performance. For example, SpeakSpark can conduct scalability testing to determine the maximum number of users the platform can handle without performance degradation.

- **Resource utilization:**

SpeakSpark needs to ensure that its platform uses system resources efficiently to avoid performance issues. SpeakSpark can monitor the system resource utilization, such as CPU, memory, and disk usage, during load testing and other performance tests.

- **Error handling:**

SpeakSpark needs to ensure that its platform handles errors gracefully to avoid downtime and other performance issues. For example, SpeakSpark can test the platform's error handling mechanisms, such as error messages, retry mechanisms, and fallback options, to ensure that they are working correctly.

- **Third-party integrations:**

SpeakSpark may use third-party integrations such as payment gateways or video streaming services. SpeakSpark needs to test the performance of these integrations to ensure that they meet the required performance standards.

Security Analysis:-

- **Encryption:**

Razorpay uses SSL/TLS encryption to secure the communication channel between the user's browser and the server, ensuring that all sensitive information such as credit/debit card details and user credentials are encrypted during transmission.

- **Secure storage:**

Razorpay stores sensitive payment information such as credit/debit card details in a secure and encrypted format. This helps prevent unauthorized access to the information in case of a data breach.

- **Password policies:**

Strong password policies are implemented, such as password length, complexity, to ensure that user accounts are protected against unauthorized access.

- **Tokenization:**

Razorpay uses tokenization to secure sensitive payment information such as credit/debit card details. Tokenization replaces the sensitive data with a token, which is used during future transactions instead of the original data. This helps prevent sensitive information from being transmitted or stored during future transactions.

- **PCI-DSS compliance:**

Razorpay is compliant with the Payment Card Industry Data Security Standard (PCI-DSS), which is a set of security standards designed to ensure that all companies that accept, process, store, or transmit credit/debit card information maintain a secure environment.

- **Fraud prevention:**

Razorpay implements various fraud prevention measures such as machine learning-based fraud detection algorithms, monitoring transactions for suspicious activity, and implementing two-factor authentication to prevent unauthorized access to payment information.

System Design:-

Modules :-

Tutor

- Signup Page
- Login Page
- Logout Page
- Tutor Profile Page
- Planner/Agenda
- View QC Report

Student

- Login Page
- Logout Page
- Student Profile Page
- Available Tutors Page
- Lesson/Topics Page
- Schedule Page

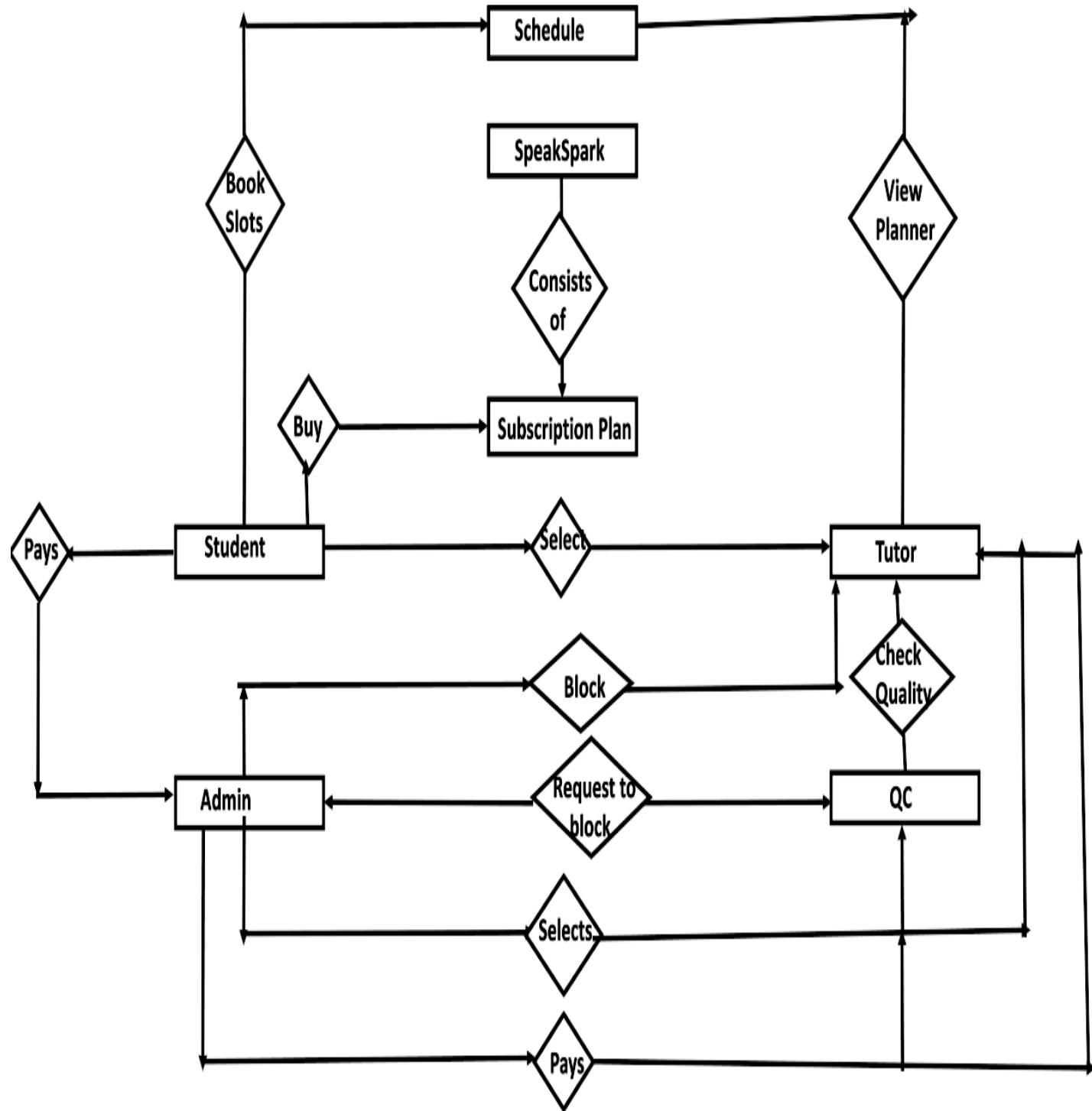
Admin

- Login Page
- Logout Page
- Admin Profile Page
- Tutor/QC Application Page
- Selected Tutor/QC Page
- Blocked Page

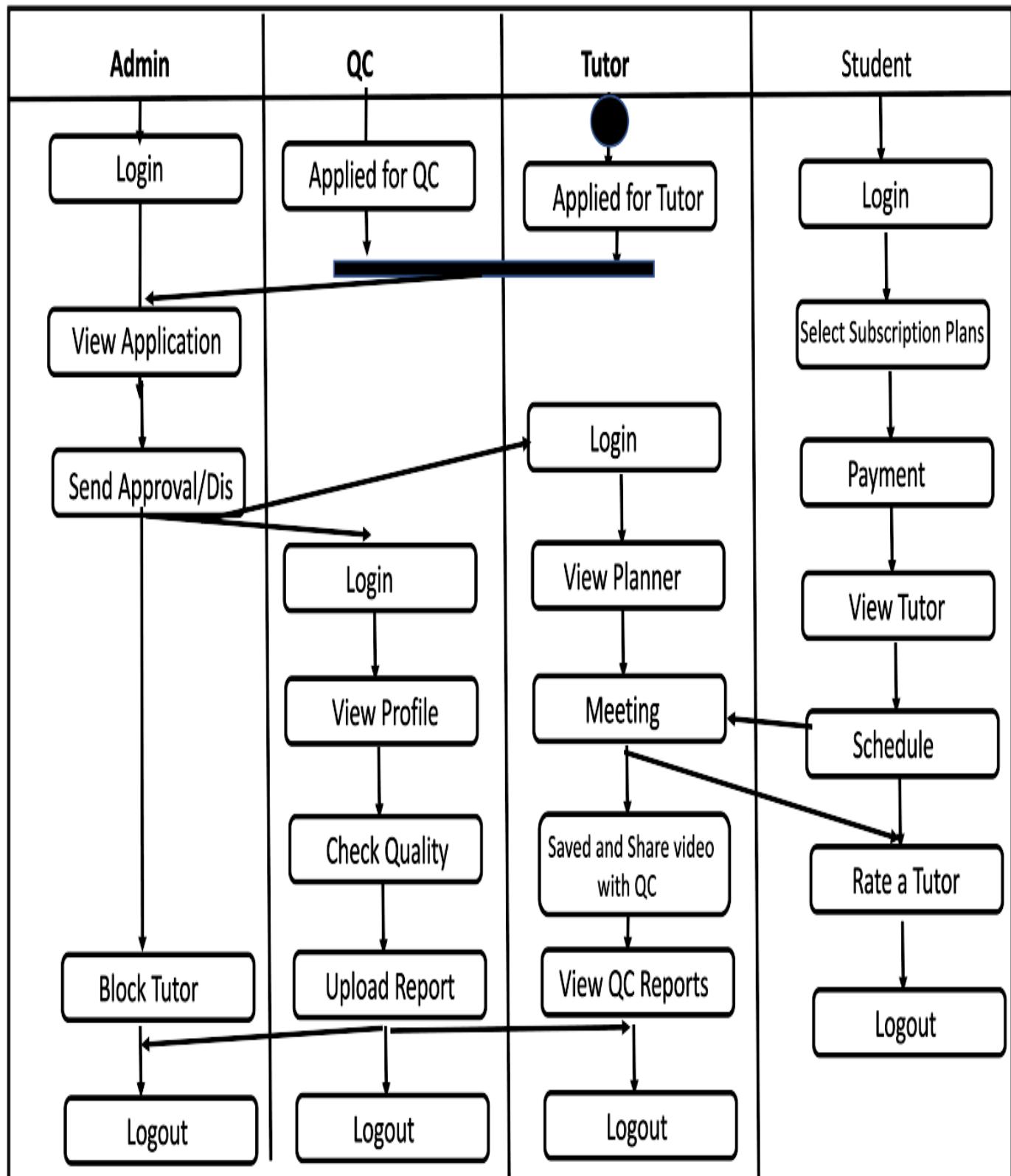
QC (Quality Check)

- Login Page
- Logout Page
- QC Profile Page
- Check Quality of tutor Page
- Send Report
- Block the tutor Page

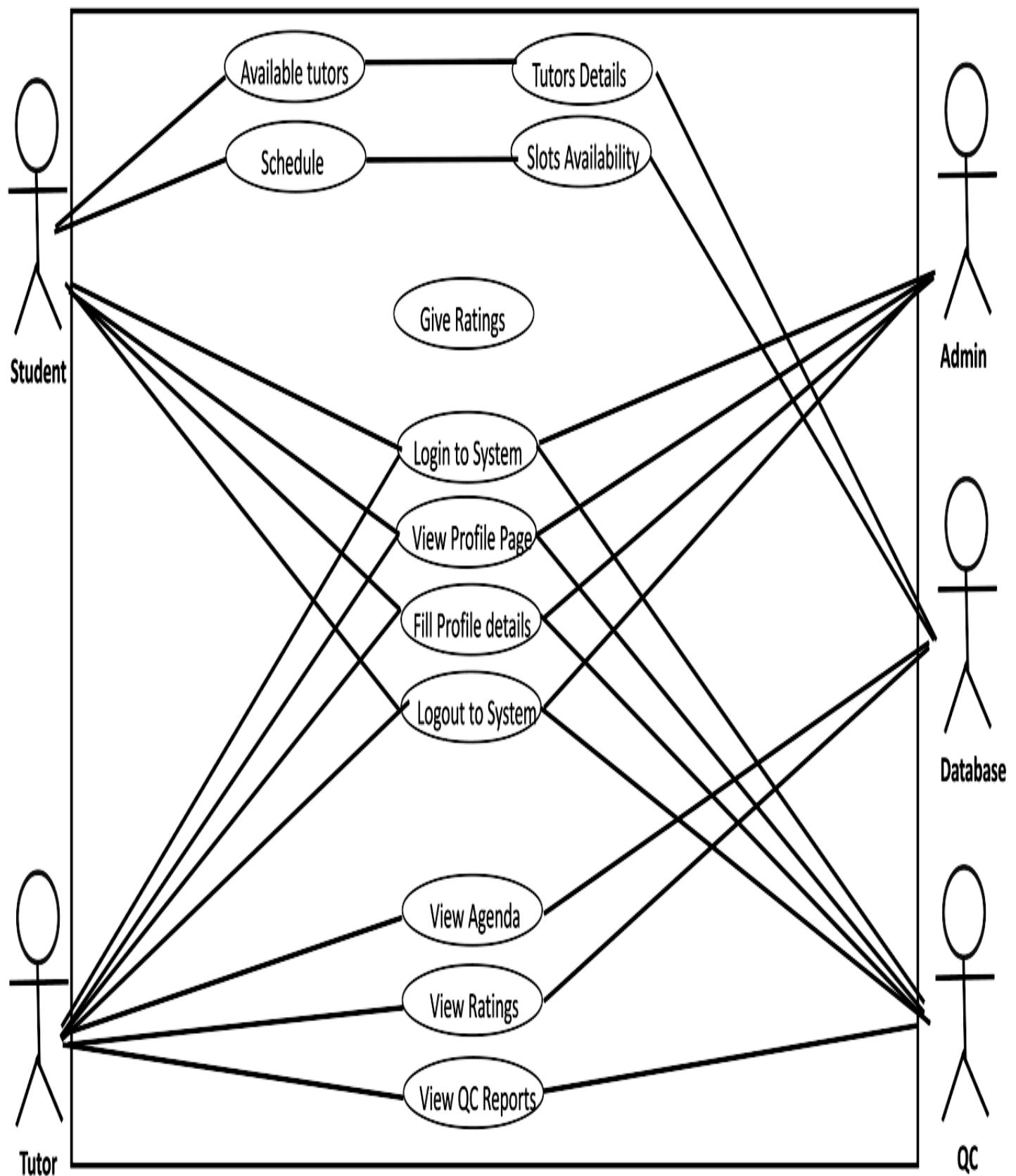
Entity Relationship Diagram:-



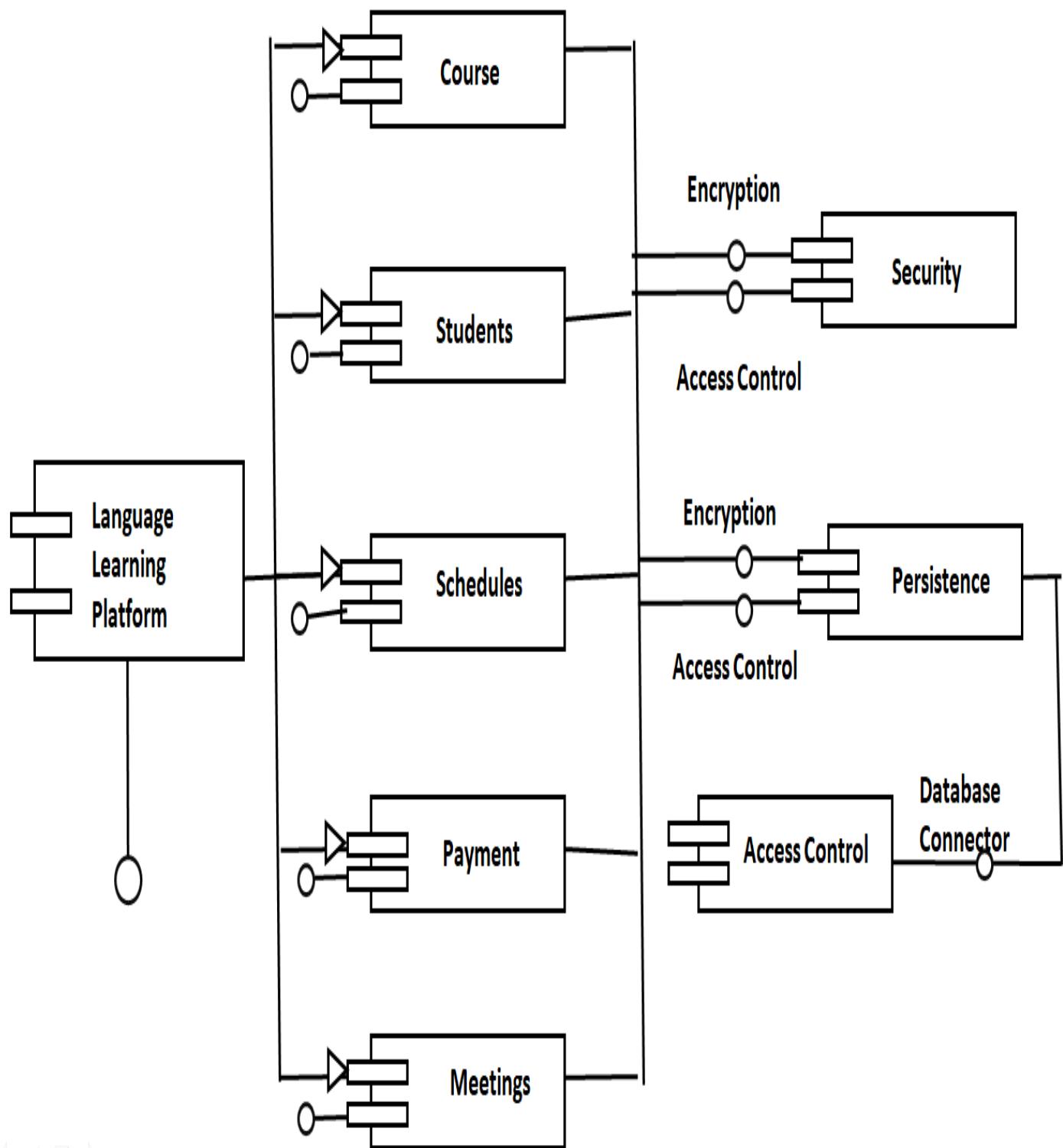
Activity Diagram:-



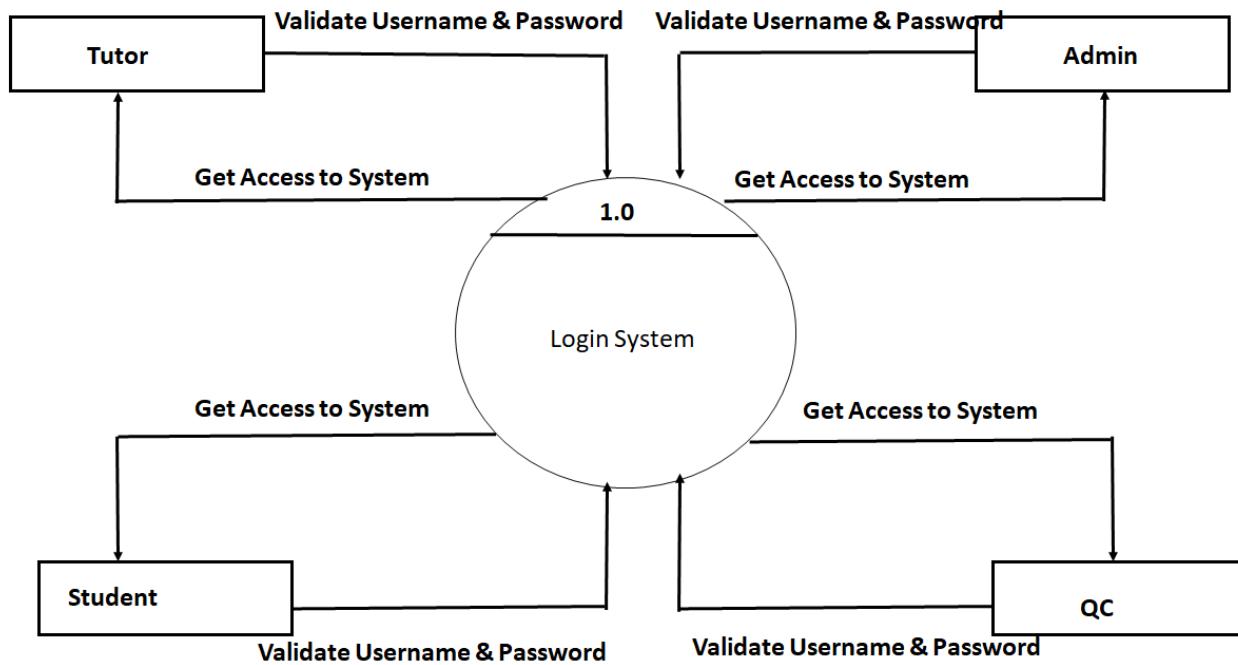
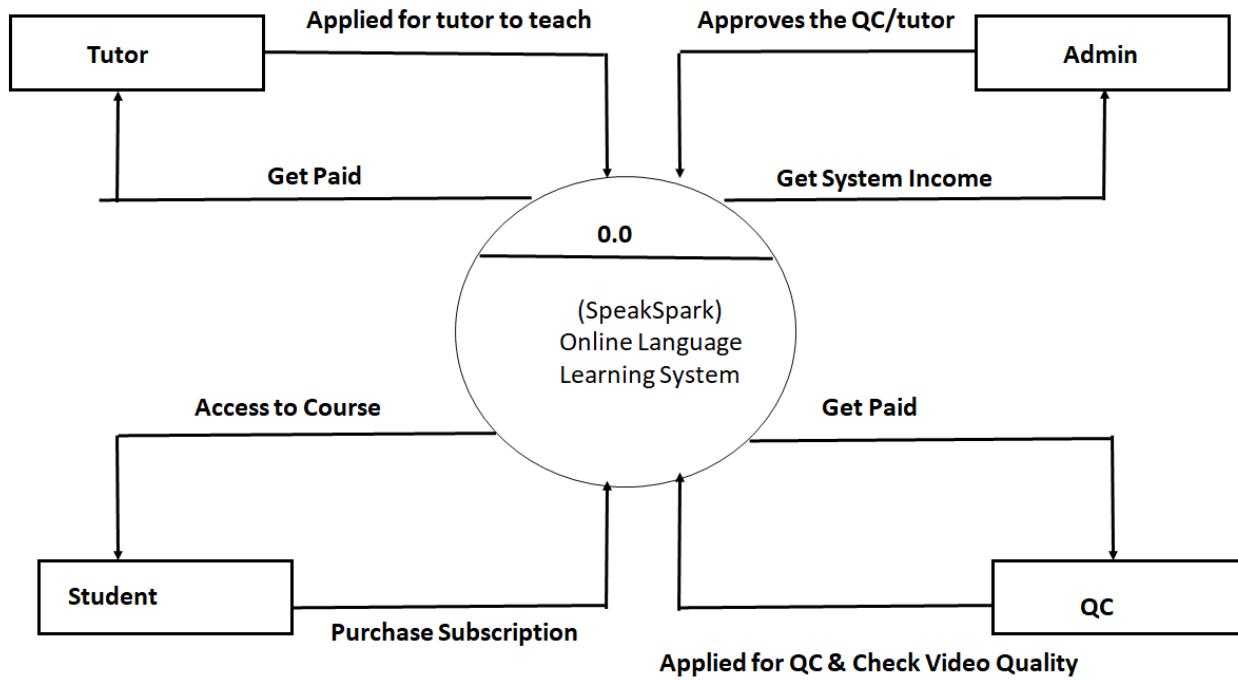
UseCase Diagram:-

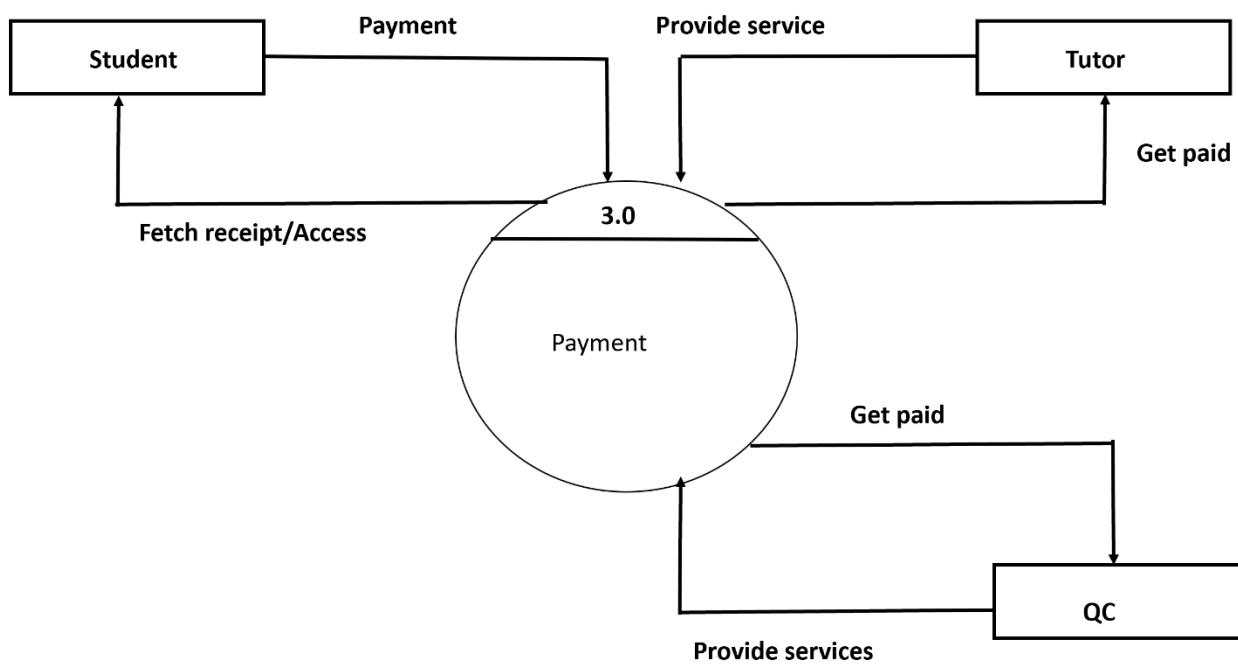
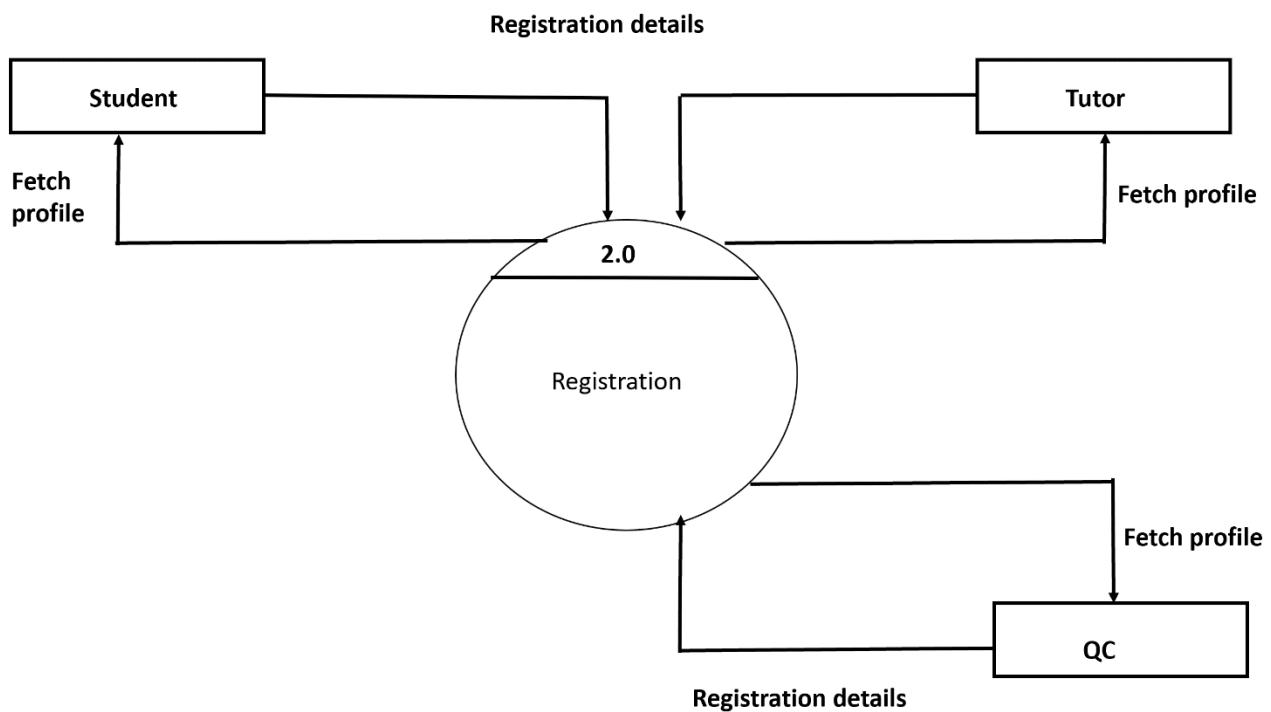


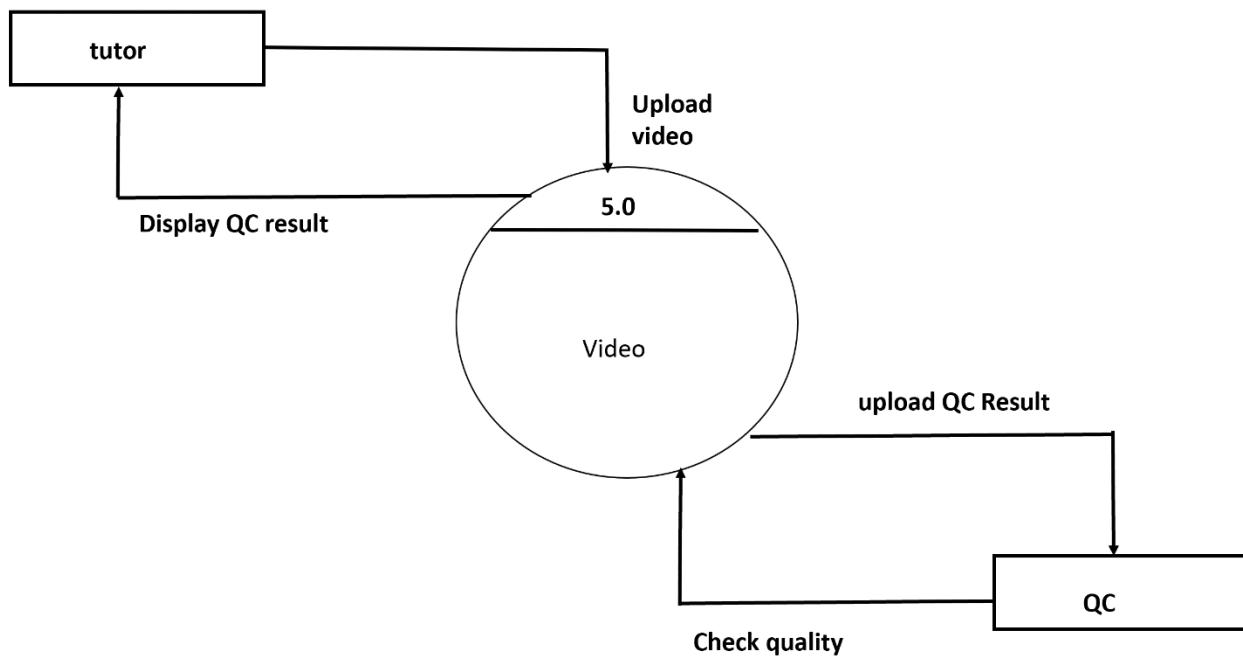
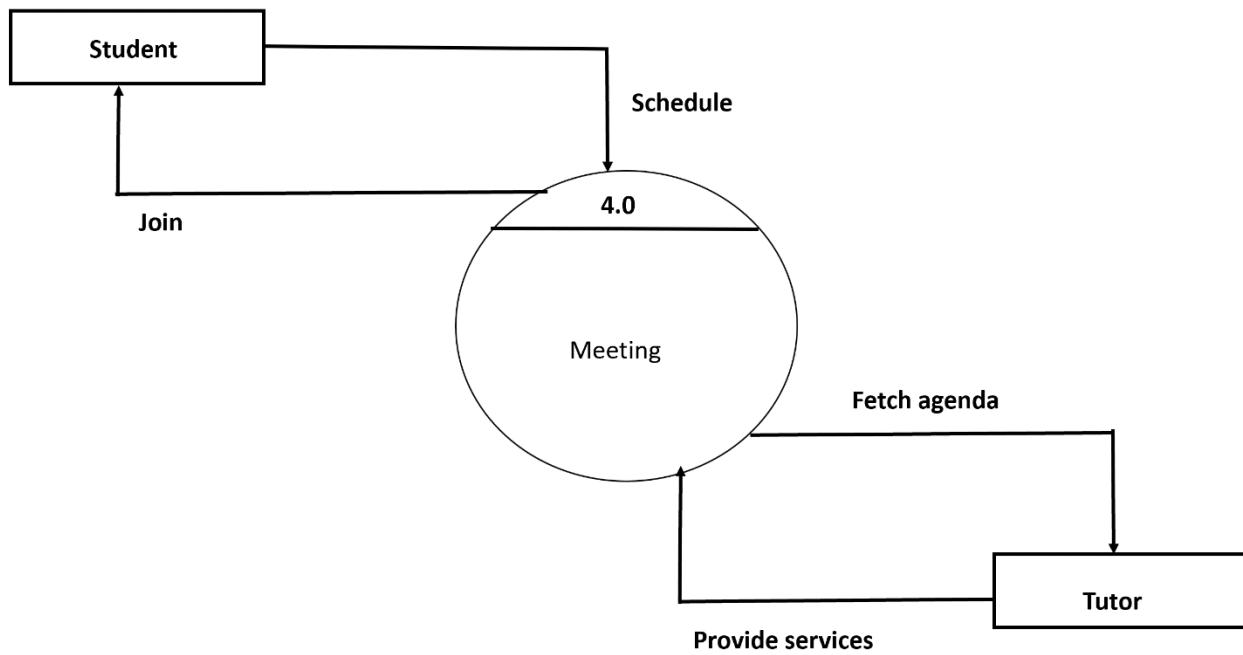
Component Diagram:-



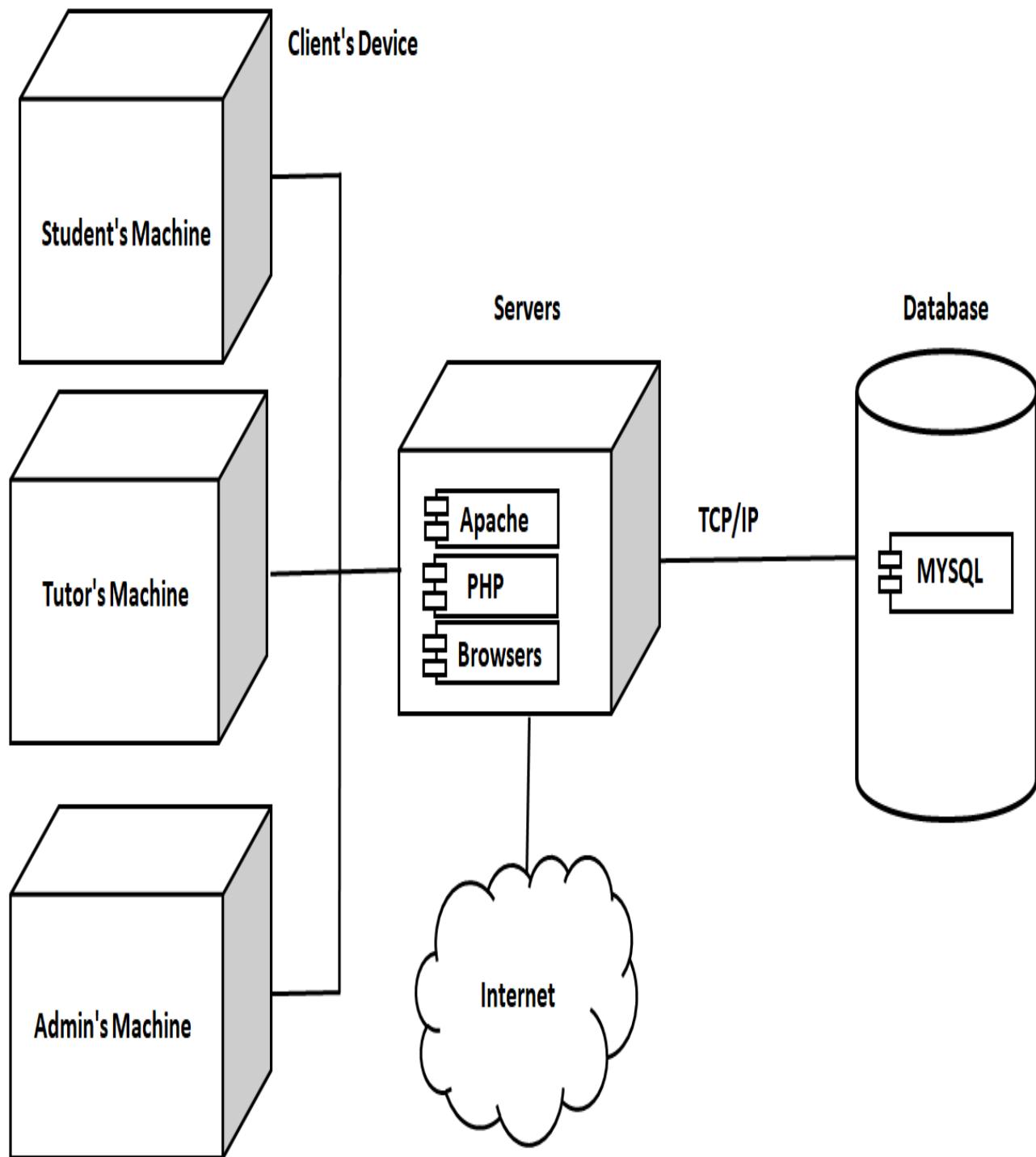
Data Flow Diagram:-







Deployment Diagram



Data Dictionary:-

File design / Normalized Database

Tablename: student_registration

Sr.no	FieldName	DataType	Constraint
1	Sid	Int	Primary Key
2	full_name	varchar(50)	Not null
3	Email	varchar(50)	Not null
4	Subscription	varchar(6)	Not null
5	Create1	int(6)	Not null
6	Rupees	varchar(50)	Not null
7	Username	varchar(50)	Not null
8	reference_id	varchar(50)	Not null
9	Contact	varchar(50)	Not null
10	Address	varchar(50)	Not null
11	Profile	int(2)	Not null

Tablename: tutor_registration

Sr.no	FieldName	DataType	Constraint
1	Tid	Int	Primary Key
2	full_name	varchar(50)	Not null
3	Email	varchar(50)	Not null
4	Username	varchar(6)	Not null
5	Confirm	int(6)	Not null
6	Aadhar	varchar(50)	Not null
7	Pan	varchar(50)	Not null
8	Bank	varchar(50)	Not null
9	Education	varchar(50)	Not null
10	Profile	varchar(50)	Not null
11	Country	int(2)	Not null
12	Introduction	varchar(150)	Not null

Tablename: admin_registration

Sr.no	FieldName	DataType	Constraint
1	Username	varchar(6)	Primary key
2	Password	int(6)	Not null

Tablename: qc_registration

Sr.no	FieldName	DataType	Constraint
1	Qid	Int	Primary Key
2	full_name	varchar(50)	Not null
3	Email	varchar(50)	Not null
4	Username	varchar(6)	Not null
5	Confirm	int(6)	Not null
6	Aadhar	varchar(50)	Not null
7	Pan	varchar(50)	Not null
8	Bank	varchar(50)	Not null
9	Education	varchar(50)	Not null
10	Profile	varchar(50)	Not null
11	Country	int(2)	Not null
12	Introduction	varchar(150)	Not null

Tablename: student_profile

Sr.no	FieldName	DataType	Constraint
1	full_name	varchar(50)	Not null
2	Email	varchar(50)	Not null
3	Subscription	varchar(50)	Not null
4	Create1	int(6)	Not null
5	Rupees	Int(10)	Not null
6	Username	varchar(6)	Not null
7	reference_id	Int(12)	Not null
8	Contact	Bigint(10)	Not null
9	Address	varchar(50)	Not null
10	Profile	varchar(50)	Not null

Tablename: tutor_profile

Sr.no	FieldName	DataType	Constraint
1	full_name	varchar(50)	Not null
2	Email	varchar(50)	Not null
3	Username	varchar(6)	Not null
4	Confirm	int(6)	Not null
5	Aadhar	varchar(50)	Not null
6	Pan	varchar(50)	Not null
7	Bank	varchar(50)	Not null
8	Education	varchar(50)	Not null
9	Profile	varchar(50)	Not null
10	Country	int(2)	Not null
11	Introduction	varchar(150)	Not null

Tablename: qc_profile

Sr.no	FieldName	DataType	Constraint
1	full_name	varchar(50)	Not null
2	Email	varchar(50)	Not null
3	Username	varchar(6)	Not null
4	Confirm	int(6)	Not null
5	Aadhar	varchar(50)	Not null
6	Pan	varchar(50)	Not null
7	Bank	varchar(50)	Not null
8	Education	varchar(50)	Not null
9	Profile	varchar(50)	Not null
10	Country	int(2)	Not null
11	Introduction	varchar(150)	Not null

Tablename: tutor_selected

Sr.no	FieldName	DataType	Constraint
1	Username	varchar(6)	Foreign Key
2	Password	int(6)	Not null
3	Profile	varchar(100)	Not null
4	Country	Int(2)	Not null
5	Introduction	varchar(100)	Not null

Tablename: qc_selected

Sr.no	FieldName	DataType	Constraint
1	Username	varchar(6)	Not null
2	Password	int(6)	Not null

Tablename: schedule

Sr.no	FieldName	DataType	Constraint
1	tutor_username	varchar(6)	Foreign Key
2	Date	date	Not null
3	Time	time	Not null

Tablename: upload_video

Sr.no	FieldName	DataType	Constraint
1	Username	varchar(6)	Not null
2	Session_url	varchar(100)	Not null

Tablename: qc_reports

Sr.no	FieldName	DataType	Constraint
1	Qc_Username	varchar(6)	Foreign Key
2	Tutor_Username	varchar(6)	Foreign Key
3	Description	varchar(100)	Not null
4	Badge	varchar(10)	Not null
5	Block	varchar(10)	Not null

User Interface:-

The screenshot shows the homepage of the SpeakSpark website. The header features the "SpeakSpark" logo on the left and navigation links for "Student", "Tutor", "Admin", and "QC" on the right. Below the header, a large blue banner displays the text "Online English classes with native speakers". To the right of the text is a cartoon illustration of a person with purple hair and a pink shirt, pointing upwards. At the bottom of the banner are two buttons: "Email" (white background) and "Get Started →" (orange background). The URL "localhost/SpeakSpark/homepage.html" is visible in the browser's address bar.

The screenshot shows the homepage featuring three featured tutors. Each tutor is represented by a white card with a portrait photo at the top and their name and location below. The first tutor is a man named Joshua from the United States. The second tutor is a woman named Sia Parker from Canada. The third tutor is a woman named Lyria David from the USA. The URL "localhost/SpeakSpark/homepage.html" is visible in the browser's address bar.

Tutor Name	Location
Joshua	United States
Sia Parker	Canada
Lyria David	USA

localhost/SpeakSpark/homepage.html

Choose your own tutor

Choose the tutor that has the personality, professional experience, or focus area you need!

Start Learning →



A 3D-style illustration of a person with dark hair, wearing a white t-shirt and a black headset with a microphone. They are sitting at a desk, facing a computer monitor, and typing on a keyboard. A mouse is visible on the desk to the left of the keyboard.

Registration

[Student Registration](#)

[Tutor Registration](#)

[QC Registration](#)

[Exam details](#)

Services

[Available Tutors](#)

[Guide to Student](#)

[Guide to Tutor](#)

[Guide to QC](#)

Categories

[Student Login Page](#)

[Tutor Login Page](#)

[QC Login Page](#)

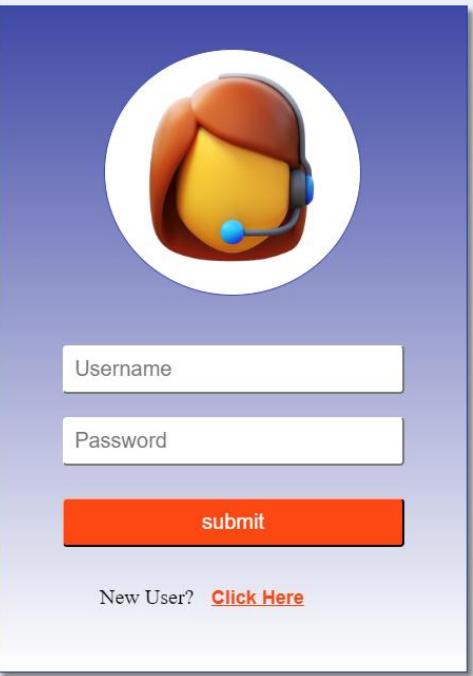
[Admin Login Page](#)

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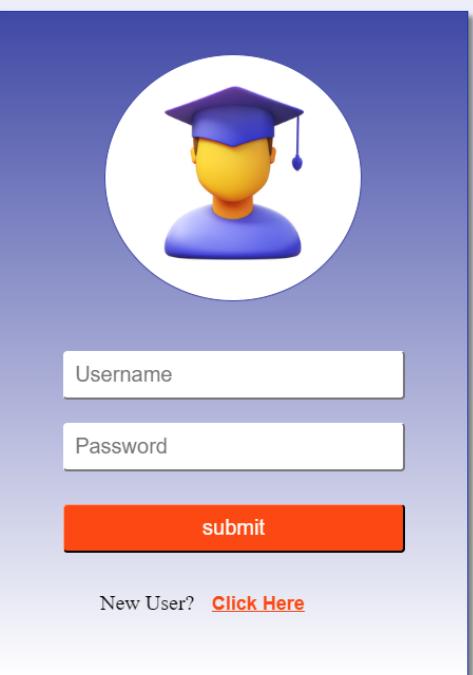
localhost/SpeakSpark/homepage.html

localhost/SpeakSpark/tutor_login_page.php

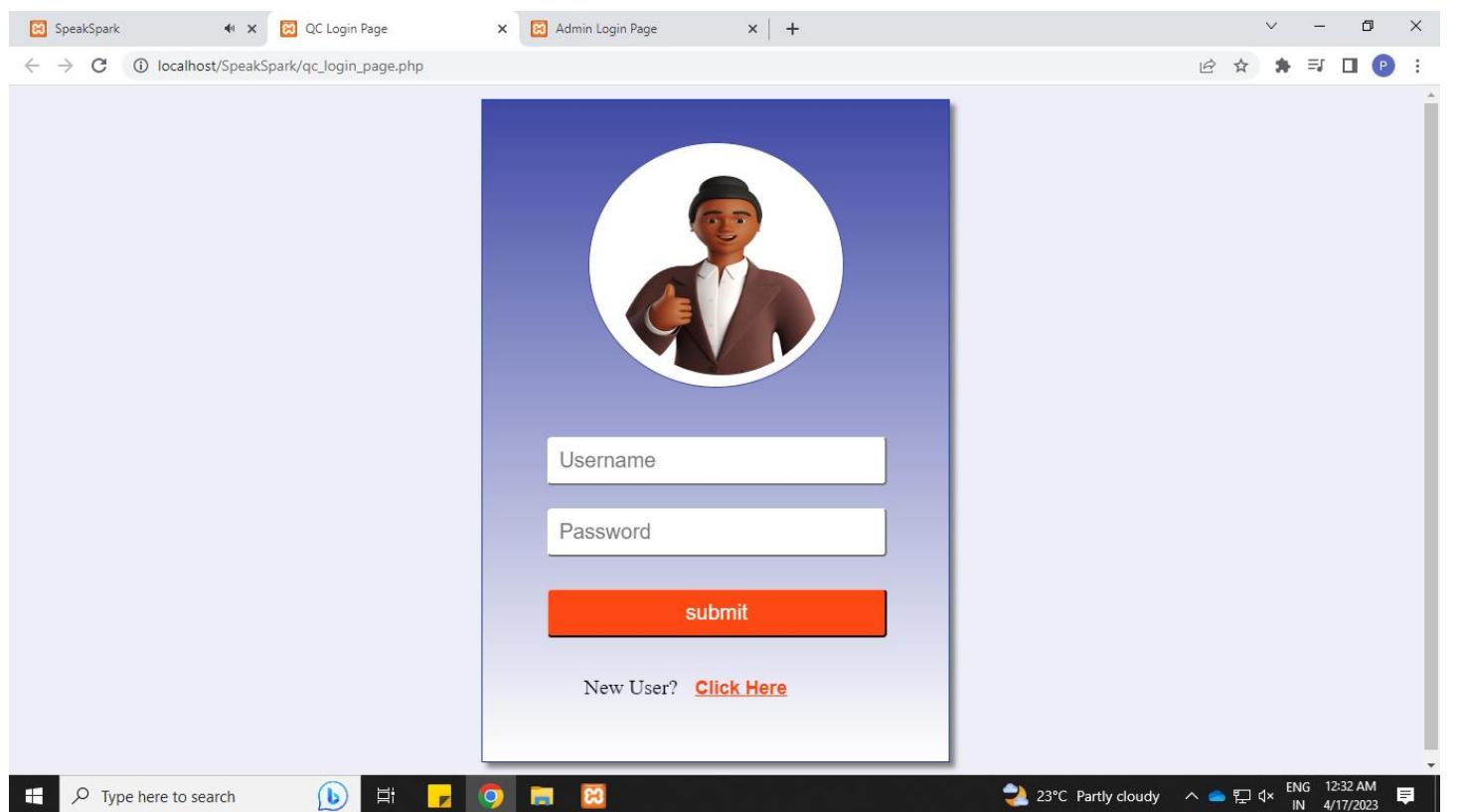
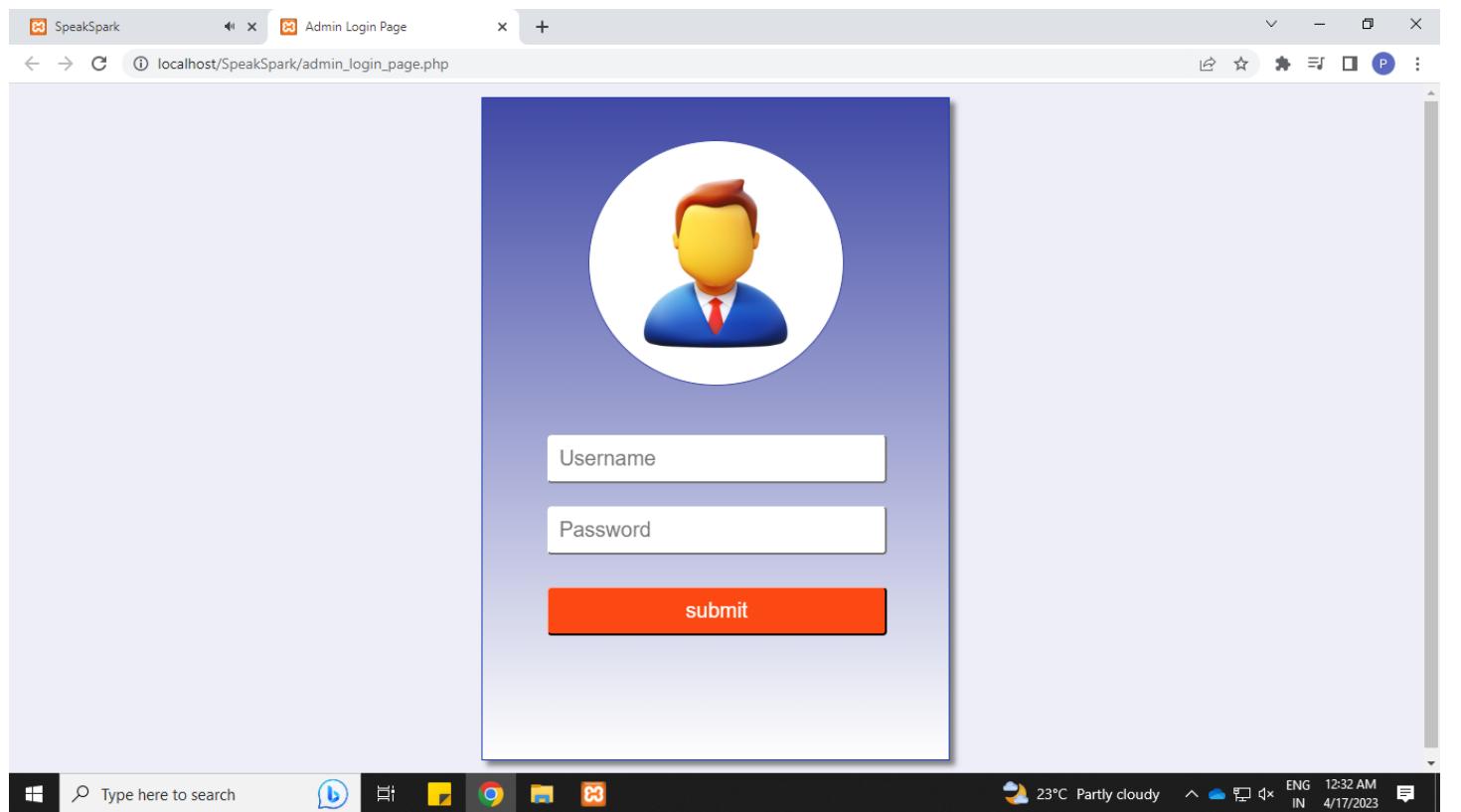


A screenshot of a web browser showing the 'tutor_login_page.php' page. The page has a purple header with a circular icon containing a yellow and brown figure wearing a headset. Below the icon are two input fields labeled 'Username' and 'Password', and a large orange 'submit' button. At the bottom, there is a link 'New User? [Click Here](#)'.

localhost/SpeakSpark/student_login_page.php



A screenshot of a web browser showing the 'student_login_page.php' page. The page has a purple header with a circular icon containing a yellow and blue figure wearing a graduation cap. Below the icon are two input fields labeled 'Username' and 'Password', and a large orange 'submit' button. At the bottom, there is a link 'New User? [Click Here](#)'.



Enter the Details

Enter your full name:

Enter your Email Address:

Create your Username:

Create your password:

Confirm your password:

Select Subscription Plan

Make a Payment

Enter the reference id of the payment:

Enter your Contact no:

Enter your Address:

Upload your profile image:

Choose File No file chosen

Register

The screenshot shows a web browser window with two tabs open, both titled "SpeakSpark". The active tab displays a guide for account creation. The interface includes a navigation bar with links for "Guide Me", "Profile", "Available Tutors", and "Topics". On the left, there is a vertical sidebar with three numbered steps: 1, 2, and 3. Step 1 is highlighted with a blue circle. Step 2 is in a white circle. Step 3 is in a light gray circle. The main content area contains two bullet points:

- Create an account:** Click on the "Sign Up" button on the bottom right corner of the login page. You can sign up using your email address and creating a password.
- Choose your plan:** Cambly offers various subscription plans, including monthly and yearly plans. Choose a plan that works best for you and complete the payment process.

A "Next" button is located at the bottom right of the main content area. The browser's taskbar at the bottom shows the Windows Start button, a search bar with "Type here to search", and several pinned icons. The system tray on the right shows the date and time as 4/17/2023, 12:40 AM, and weather information: 23°C Partly cloudy.

The screenshot shows a web browser window with two tabs open, both titled "SpeakSpark". The active tab displays a guide for scheduling and joining sessions. The interface includes a navigation bar with links for "Guide Me", "Profile", "Available Tutors", and "Topics". On the left, there is a vertical sidebar with three numbered steps: 1, 2, and 3. Step 1 is highlighted with a blue circle. Step 2 is in a white circle. Step 3 is in a light gray circle. The main content area contains two bullet points:

- Schedule a session:** Once you've signed up, you can schedule a session with a tutor by clicking on the "Schedule a Session" button on the homepage. You can choose a tutor based on their profile and availability.
- Join the session:** At the scheduled time, log in to your Cambly account and join the session with your chosen tutor. You can use video and audio features to communicate with your tutor.

A "Next" button is located at the bottom right of the main content area. The browser's taskbar at the bottom shows the Windows Start button, a search bar with "Type here to search", and several pinned icons. The system tray on the right shows the date and time as 4/17/2023, 12:40 AM, and weather information: 23°C Partly cloudy.

SpeakSpark SpeakSpark

localhost/SpeakSpark/student_main_page.html

Guide Me Profile Available Tutors Topics

1

Start learning: During the session, your tutor will help you improve your English skills by practicing conversation, correcting your mistakes, and providing feedback. You can also ask them any questions you have about English grammar, vocabulary, or pronunciation.

2

Rate your tutor: After the session, you can rate your tutor based on their performance. This helps Cambly improve the quality of its tutoring services.

3

Book more sessions: You can continue booking sessions with Cambly tutors as often as you like to improve your English skills.

Done

Type here to search

23°C Partly cloudy ENG IN 12:40 AM 4/17/2023

SpeakSpark SpeakSpark

localhost/SpeakSpark/student_main_page.html

Guide Me **Profile** Available Tutors Topics



Student Details

Name: Monika Paggal
Email: Monika@gmail.com
Contact No: 7848487482
Address: Shrinagar rahatni pune 411017

Plan Details

Subscription Plan: Day
Subscription Amount: 1
Transaction ID: 111111
Payment Gateway: RazorPay

Type here to search

23°C Partly cloudy ENG IN 12:40 AM 4/17/2023

A screenshot of a web browser window titled "SpeakSpark" showing a student profile. The profile card for "Vidhya" includes a photo, her name, her location (India), and a brief bio stating she has been teaching English for 2 years. A "Book a Session" button is visible at the bottom of the card.

localhost/SpeakSpark/student_main_page.html

Guide Me Profile Available Tutors Topics

Vidhya

India

Hello this is Vidhya Dhape. I have been teaching English since 2 years etc.

Book a Session

A screenshot of a web browser window titled "SpeakSpark" showing a booking form. The form asks for a "Date:" (with a date input field) and "Time:" (with a time input field). Below the inputs is a large blue "Book" button.

localhost / 127.0.0.1 / speakspark

Guide Me Profile Available Tutors Topics

Date: mm/dd/yyyy

Time: -- --

Book

The screenshot shows a web browser window with three tabs, all titled "SpeakSpark". The active tab displays a student profile for "Vidhya" from India. A modal dialog box is overlaid on the page, containing the text "localhost says" and "Are you sure you want to logout?". An "OK" button is visible at the bottom right of the dialog.

Vidhya

India

Hello this is Vidhya Dhape. I have been teaching English since 2 years etc.

Book a Session



Tutor DashBoard:

Enter the Details

Enter your full name:

Enter your Email Address:

Create your Username:

Confirm your password:

Country Code:

Write your Introduction:

Add your profile picture:

Choose File No file chosen

Aadhar Card:

Choose File No file chosen

Pan Card:

Choose File No file chosen

Bank Details:

Choose File No file chosen

Education Qualification:

Choose File No file chosen

Register

The screenshot shows a web browser window with two tabs open, both titled "SpeakSpark". The active tab displays the URL "localhost/SpeakSpark/tutor_main_page.html". The page content is a step-by-step guide for tutors. On the left, there is a vertical sidebar with three numbered circular steps: 1, 2, and 3. Step 1 is highlighted with a blue background. Step 2 is in white with a blue border. Step 3 is in white with a blue border. To the right of the sidebar is a large blue rectangular area containing text. Step 1's text reads: "Create an account: Click on the "Become a Tutor" button on the top right corner of the homepage. You can sign up using your Facebook, Google, or Apple account, or by entering your email address and creating a password." Step 2's text reads: "Complete your profile: Fill out your profile with your personal information, education background, and teaching experience. You can also add a profile picture and a short introduction video to make your profile more appealing to students." At the bottom right of the blue area is a "Next" button. The browser's taskbar at the bottom shows various pinned icons and the system tray on the right.

This screenshot shows the same web browser and guide as the previous one, but it is now on the second step. The sidebar on the left has steps 1, 2, and 3. Step 2 is highlighted with a blue background. Step 1 and 3 are in white with blue borders. The large blue rectangular area contains text for step 2: "Pass the interview: Cambly conducts a short interview with all potential tutors to assess their English language skills and teaching ability. During the interview, you'll be asked to demonstrate your teaching skills and answer a few questions about your teaching philosophy." Below this text is another section: "Set your availability: Once you've passed the interview, you can set your availability on the Cambly platform. This will allow students to schedule sessions with you during the hours you're available." At the bottom right of the blue area is a "Next" button. The browser's taskbar and system tray are visible at the bottom.

SpeakSpark SpeakSpark

localhost/SpeakSpark/tutor_main_page.html

Guide Me Profile Agenda QC Reports

1

Start teaching: When a student schedules a session with you, you'll receive a notification and can join the session through the Cambly platform. During the session, you'll help the student improve their English skills by practicing conversation, correcting their mistakes, and providing feedback.

2

Get paid: Cambly pays its tutors on a per-minute basis. You'll earn money for every minute you spend teaching on the platform. Payments are made weekly through PayPal.

3

Done

Type here to search

23°C Partly sunny ENG US 9:00 AM 4/17/2023

SpeakSpark Tutor Login Page SpeakSpark

localhost/SpeakSpark/tutor_main_page.html

Guide Me Profile Agenda QC Reports



Tutor Details

Name: Vidhya Dhape
Email: Vidhya@gmail.com

Aadhar Details



UserName Password

Type here to search

27°C Partly sunny ENG IN 9:20 AM 4/17/2023

SpeakSpark | Tutor Login Page | SpeakSpark | localhost / 127.0.0.1 / speakspark | +

Guide Me Profile Agenda QC Reports

माझे आधार, माझी ओळख

Pan Details

आयकर विभाग
INCOME TAX DEPARTMENT
भारत सरकार
GOVT. OF INDIA
प्राधीनिक संख्या
Pan Card Number
Name: Pooja Rajesh Vishwakarma
Date of Birth: 19/06/2001
Signature

Education Details

Type here to search 27°C Partly sunny ENG IN 9:20 AM 4/17/2023

SpeakSpark | Tutor Login Page | SpeakSpark | localhost / 127.0.0.1 / speakspark | +

Guide Me Profile Agenda QC Reports

Aadhar Card (Prabandhan Aayog)

Bank Details

27°C Partly sunny ENG IN 9:20 AM 4/17/2023

SpeakSpark | localhost/SpeakSpark/tutor_main_page.html | SpeakSpark | localhost / 127.0.0.1 / speakspark | +

Guide Me Profile Agenda QC Reports

Education Details

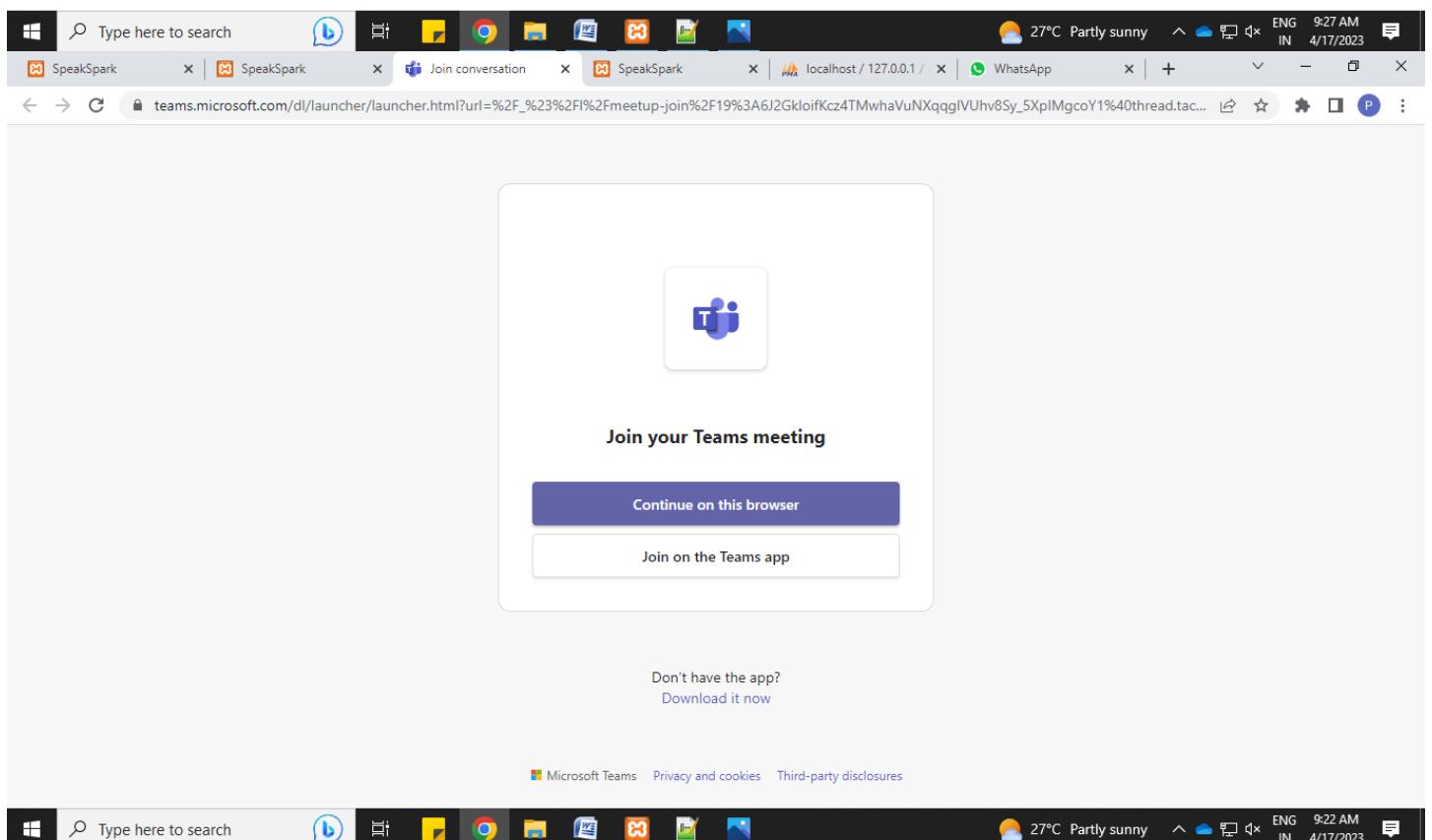
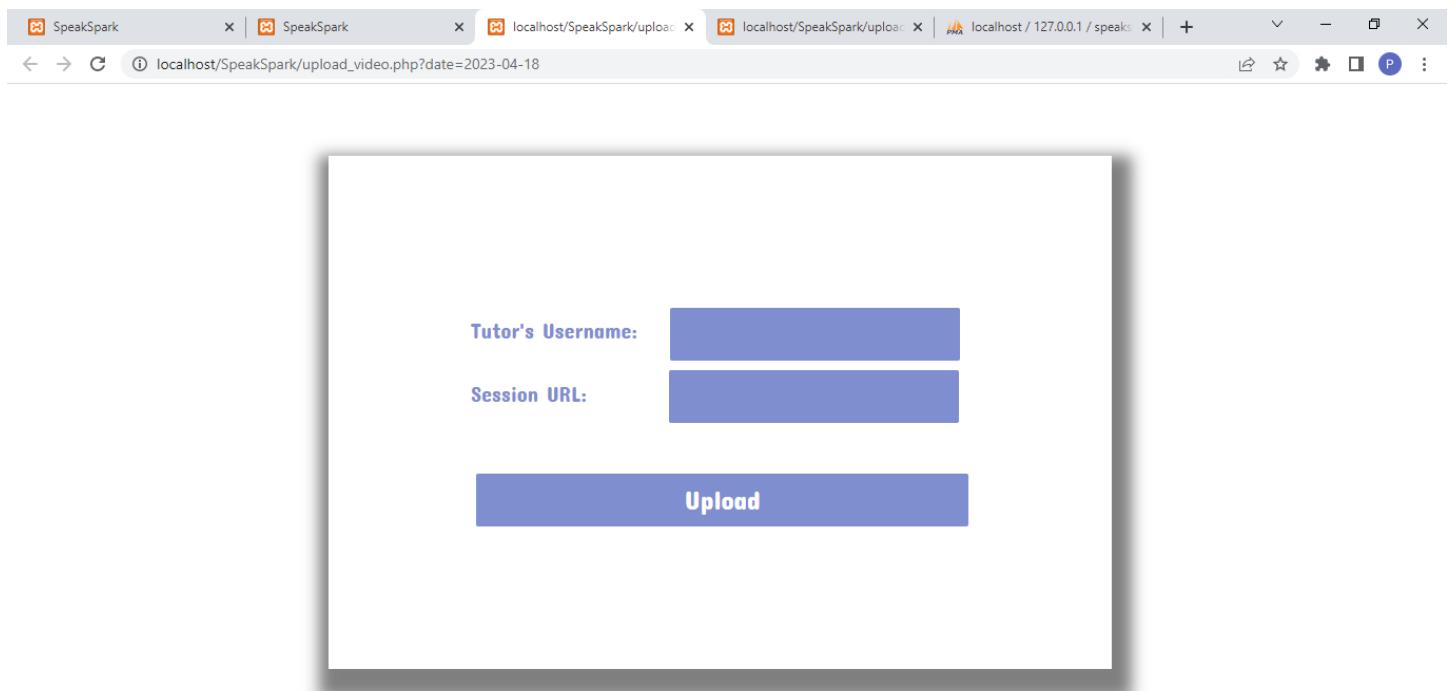
Type here to search 27°C Partly sunny ENG IN 9:20 AM 4/17/2023

SpeakSpark | localhost/SpeakSpark/tutor_main_page.html | SpeakSpark | localhost / 127.0.0.1 / speakspark | +

Guide Me Profile Agenda QC Reports

Date	Time	Join Session	Upload the video
2023-04-18	09:21:00	Join	Upload
2023-04-25	09:25:00	Join	Upload

Type here to search 27°C Partly sunny ENG IN 9:22 AM 4/17/2023



Guide Me Profile Agenda QC Reports

Qc_Username	Tutor_Username	Description	Badge	Blocked Status
Vidhya	Johnnn	During session bla bla bla bla bla	Green	No
Vidhya	Johnnn	During session bla bla bla bla bla	Red	Yes
Vidhya	Johnnn	During session bla bla bla bla bla	Green	No

QC DashBoard:

The screenshot shows a web browser window with multiple tabs open. The active tab displays a guide for creating a QC account. On the left, there's a vertical sidebar with three numbered circles (1, 2, 3). The main content area contains two sections of text. The first section, associated with step 1, instructs the user to click the "Become a QC" button and sign up using various methods. The second section, associated with step 2, describes completing the profile with personal information, education background, and teaching experience. A "Next" button is located at the bottom right of the main content area.

1

Create an account: Click on the "Become a QC" button on the top right corner of the homepage. You can sign up using your Facebook, Google, or Apple account, or by entering your email address and creating a password.

2

Complete your profile: Fill out your profile with your personal information, education background, and teaching experience. You can also add a profile picture and a short introduction video to make your profile more appealing to students.

3

Next

The screenshot shows a web browser window with multiple tabs open. The active tab displays a guide for the interview process. On the left, there's a vertical sidebar with three numbered circles (1, 2, 3). The main content area contains two sections of text. The first section, associated with step 1, describes the interview conducted by Cambly to assess English language skills and teaching ability. The second section, associated with step 2, describes checking video quality once the interview is passed. A "Next" button is located at the bottom right of the main content area.

1

Pass the interview: Cambly conducts a short interview with all potential QCs to assess their English language skills and teaching ability. During the interview, you'll be asked to demonstrate your teaching skills and answer a few questions about your teaching philosophy.

2

Check the Video Quality: Once you've passed the interview, you can log into the system and start checking the video quality of the videos and accordingly the reports are generated.

3

Next

SpeakSpark | QC Login Page | SpeakSpark | SpeakSpark | localhost/Speak | localhost / 127.0 | WhatsApp | + | - | X

localhost/SpeakSpark/qc_main_page.html

Guide Me Profile Task

1

Start Submitting Reports: When a report is generated QCs job is to ensure that reports have been uploaded to a tutor system. This will help to improve the performance of the tutor

2

Get paid: Cambly pays its QCs on a per-minute basis. You'll earn money for every minute you spend checking on the platform. Payments are made weekly through PayPal.

3

Done

Windows Type here to search 27°C Sunny ENG IN 9:48 AM 4/17/2023

SpeakSpark | QC Login Page | SpeakSpark | SpeakSpark | localhost/Speak | localhost / 127.0 | WhatsApp | + | - | X

localhost/SpeakSpark/qc_main_page.html

Guide Me Profile Task



Tutor Details

Name: Vidhya Dhape
Email: Vidhya@gmail.com

Aadhar Details



Windows Type here to search 27°C Sunny ENG IN 9:48 AM 4/17/2023

SpeakSpark | localhost/SpeakSpark | localhost/SpeakSpark | localhost/SpeakSpark | localhost / 127.0.0.1 /

Guide Me Profile Task

Tutor's Username Recorded Session Submit Report

Vidhya Check Video QC Submit Report

Type here to search 27°C Partly sunny ENG US 9:31 AM 4/17/2023

SpeakSpark | localhost/SpeakSpark | localhost/SpeakSpark | localhost/SpeakSpark | Meeting in _General | localhost/SpeakSpark | localhost / 127.0.0.1 /

Stream Meeting in _General_-20230409_180553-Meeting... Search

+ New + Add to playlist □ Move to □ Copy to ... Share

1:16

Video settings

Comments

Analytics

Help

Session

April 9, 2023 Expires in 53 days • 2 views • A44 Pooja Rajesh Vishwakarma • ... > General > Recordings

Add a description to explain what this video is about.



Enter the Details

Enter Qc Username:

Enter Tutor Username:

Enter Quality Check Description:

Badge received for this session:

Do we have to block the tutor:

Submit Reports

Admin Dashboard

SpeakSpark localhost/SpeakSpark/admin_main_page.html

	Tutor Application	QC Application	Selected Page	Blocked Page	
ail.com	Vidhya				
					<input type="button" value="Give Access"/>

Type here to search 23°C Partly cloudy ENG IN 12:46 AM

SpeakSpark QC Login Page Available Tutors localhost / 127.0.0.1 / WhatsApp

	Tutor Application	QC Application	Selected Page	Blocked Page			
Shivam Ghumare	Shivam@gmail.com	Shivam	121212				
							<input type="button" value="Give A"/>

Type here to search 27°C Sunny ENG IN 9:55 AM

Tutor Application QC Application Selected Page Blocked Page

Tutor_Username	Block
Vidhya	<button>Block tutor</button>
Johnnn	<button>Block tutor</button>

Tutor Application QC Application Selected Page Blocked Page

Qc_Username	Tutor_Username	Description	Badge	Blocked Status
Vidhya	Johnnn	During session bla bla bla bla bla	Red	Yes

After filling the details:-

Output:

localhost/SpeakSpark/student_re

localhost/SpeakSpark/student_registration.html

Make a Payment

Enter the reference id of the payment:
111111

Enter your Contact no:
98121212

Enter your Address
Shrinagar rahatni pune

Please match the requested format.
Contact number should consists of 10 digits

Upload your profile image:
Choose File Screenshot (564).png

Register

localhost/SpeakSpark/upload_stu

localhost/SpeakSpark/upload_student_registration.php

Your Registration has been done Successfully !!



Enter the Details

Enter your full name:

Smita kalley

Enter your Email Address:

Smita@gmail.com

Create your Username:

Smitaa

Create your password:

.....

Confirm your password:

.....

Country Code:

91

Write your Introduction:

Hello this is Smita kalley. I have been teaching english

Add your profile picture:

Choose File Screenshot (569).png

Aadhar Card:

Choose File Screenshot (565).png

Pan Card:

Choose File Screenshot (570).png

Bank Details:

Choose File Screenshot (565).png

Education Qualification:

Choose File Screenshot (565).png

Register



Date: 

Time: 

Book

localhost says

Slot booked successfully

OK

Tutor's Username:

Vidhya

Session URL:

<https://iccsac.sharepoint.com/sites/SpeakSpan>

Upload

localhost says

Video Uploaded

OK

localhost says

Video has been moved to QC dashboard

OK

Enter the Details

Enter Qc Username:

Shivam

Enter Tutor Username:

Vidhya

Enter Quality Check Description:

During session bla bla bla bla bla

Badge received for this session:

Green

Do we have to block the tutor:

No

Submit Reports

localhost says

QC reports has been submitted to tutor

OK

localhost says

Quality Check has been done for this tutor

OK

Test Plan

test_cases - Excel (Product Activation Failed)										
Cut Copy Calibri 11 A ⁺ A ⁻ Alignment General Conditional Formatting Format as Table Cell Styles Insert Delete Format Cells AutoSum Fill Clear Sort & Find & Filter Select										
File Home Insert Page Layout Formulas Data Review View Tell me what you want to do...										
D163										
36	A	B	C	D	E	F	G	H	I	J
37	Test case templates									
38	test case name	Review/Quality Check Page								
39	test case type	Functional test case								
40	module	Review/Quality Check Page								
41	severity	minor								
42	pre-conditions	to upload the QC Results								
43	test-data	Tutor_Username,QC_Username,Badge,Block,Description								
44	summary	to check the functionality of the page called Quality Check Page								
45	Steps no	Description	Inputs	Expected result	Actual Result	Status				
47	1	Open Web browser and enter the url	localhost/SpeakSpark/upload_qc_results.php	Upload QC Results page must be displayed	As expected	-	pass			
48	2	Enter the Tutor Username	Tutor Username should be registered by the admin and must be	If the username does not exists it displays the prompt otherwise	As expected		pass			
50	3	Enter the QC Username	QC Username should be registered by the admin and must be	If the username does not exists it displays the prompt otherwise	As expected		pass			
51	4	Enter the Description	Description should not be null	no required alert should be displayed	As expected		pass			
52	5	Select the Badge	Options should be selected from Red,Green,Orange	no required alert should be displayed	As expected		pass			
53	6	Select the Confirmation for blocking Options should be selected from Yes,No		no required alert should be displayed	As expected		pass			
54	author									
59	date	17-04-2023								
60	reviewed by									
61	approved by									
62										
63										
64										
65										

test_cases - Excel (Product Activation Failed)										
Cut Copy Calibri 11 A ⁺ A ⁻ Alignment General Conditional Formatting Format as Table Cell Styles Insert Delete Format Cells AutoSum Fill Clear Sort & Find & Filter Select										
File Home Insert Page Layout Formulas Data Review View Tell me what you want to do...										
H126										
97	A	B	C	D	E	F	G	H	I	J
98										
99										
00	Test case templates									
01	test case name	Upload Lectures Video								
02	test case type	Functional test case								
03	module	Upload Lectures Video								
04	severity	minor								
05	pre-conditions	to upload the lectures video atleast tutor username and session url is required								
06	test-data	Tutor_Username,Session_url								
07	summary	to check the functionality of the page called Upload Video								
09	Steps no	Description	Inputs	Expected result	Actual Result	Status				
10	1	Open Web browser and enter the url	localhost/SpeakSpark/upload_video.php	Upload video page must be displayed	As expected	-	pass			
11	2	Enter the Tutor Username	Tutor Username should be registered by the admin	If the username does not exists it displays the prompt otherwise	As expected		pass			
12	3	Enter the Session Url	Session Url should be active and not empty	If the session url is empty it does not submit the form	Failed to check for activeness	fail				
13	4	Click on the Upload button		no required alert should be displayed	As expected		pass			
15	author									
18	date	17-04-2023								
19	reviewed by									
20	approved by									
21										
22										
23										
24										
25										
26										

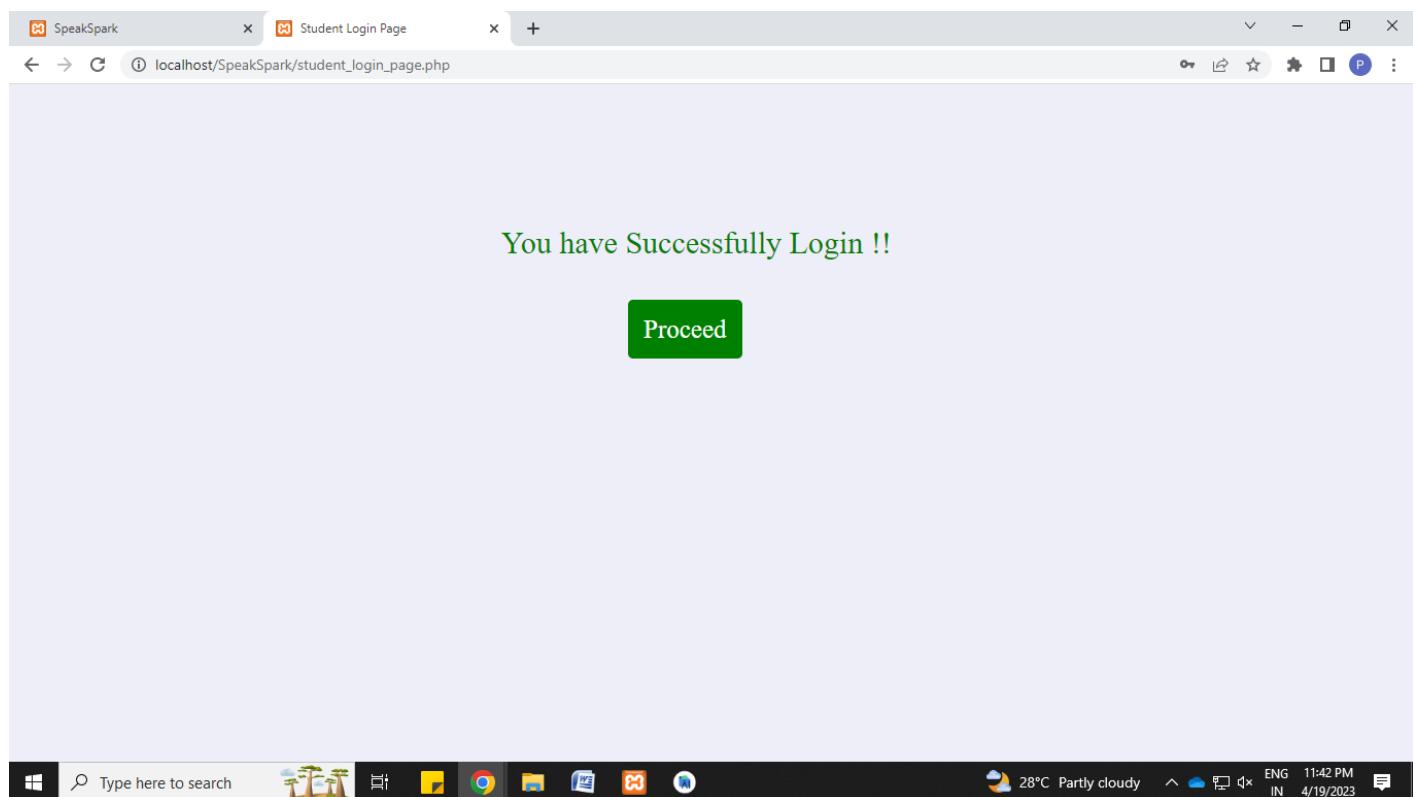
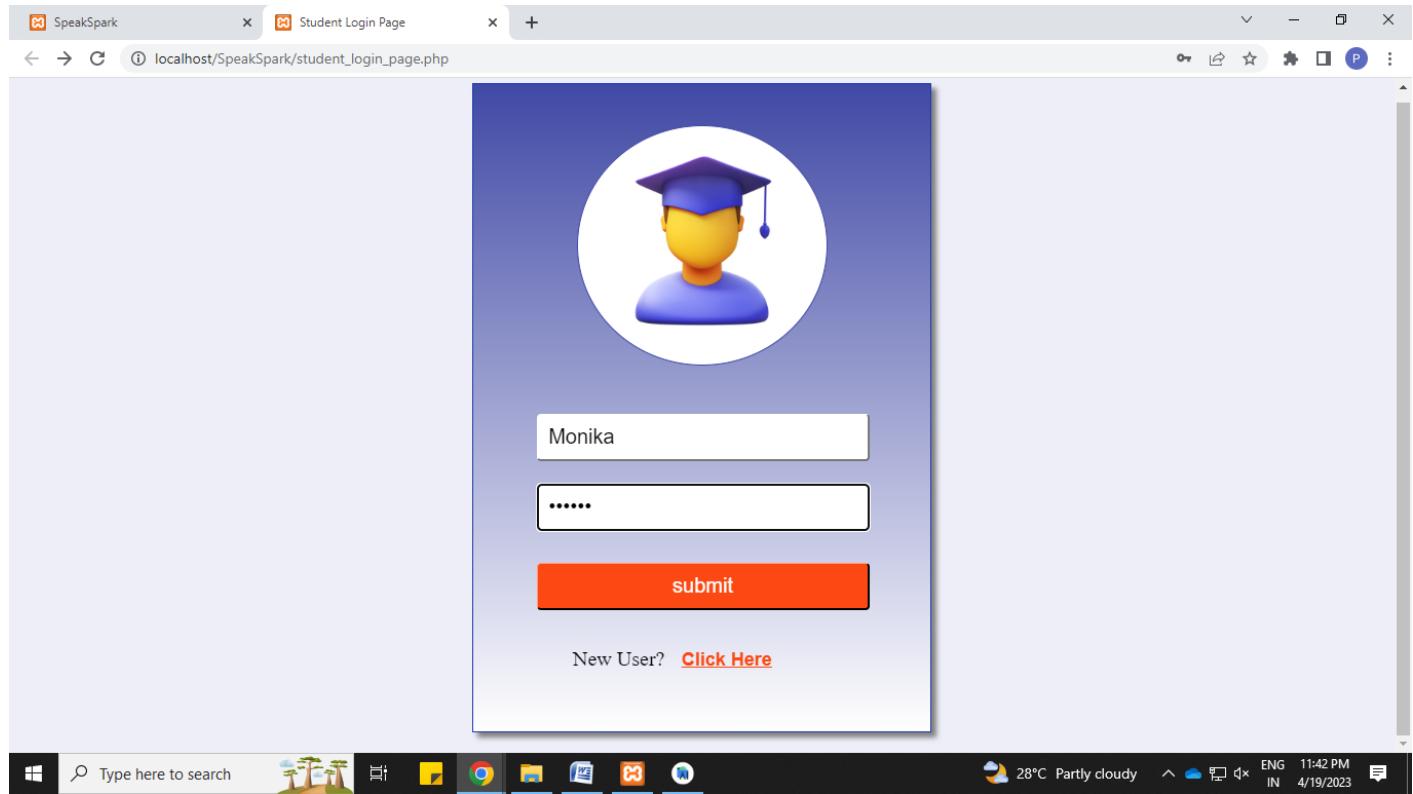
Sheet1										

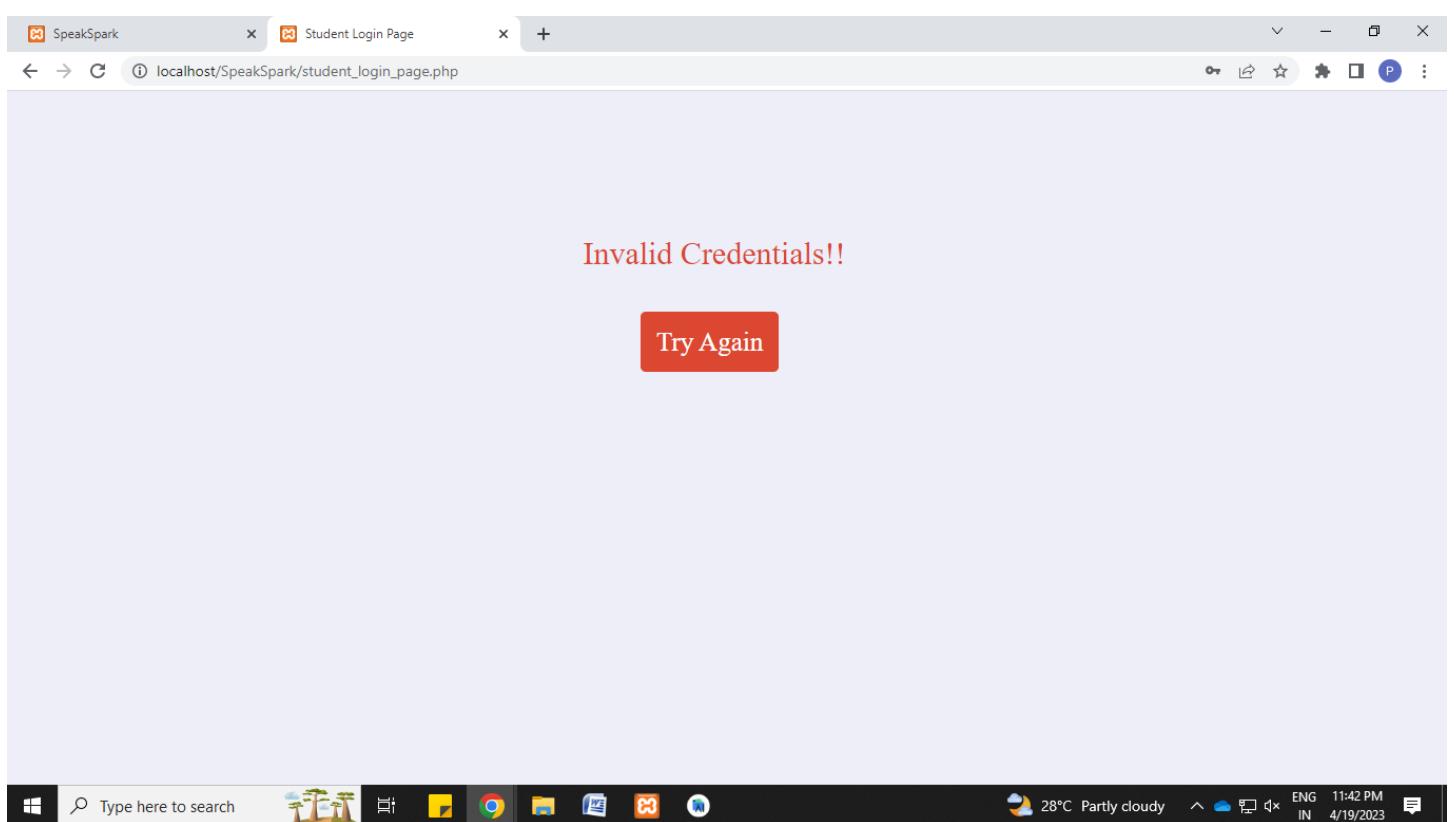
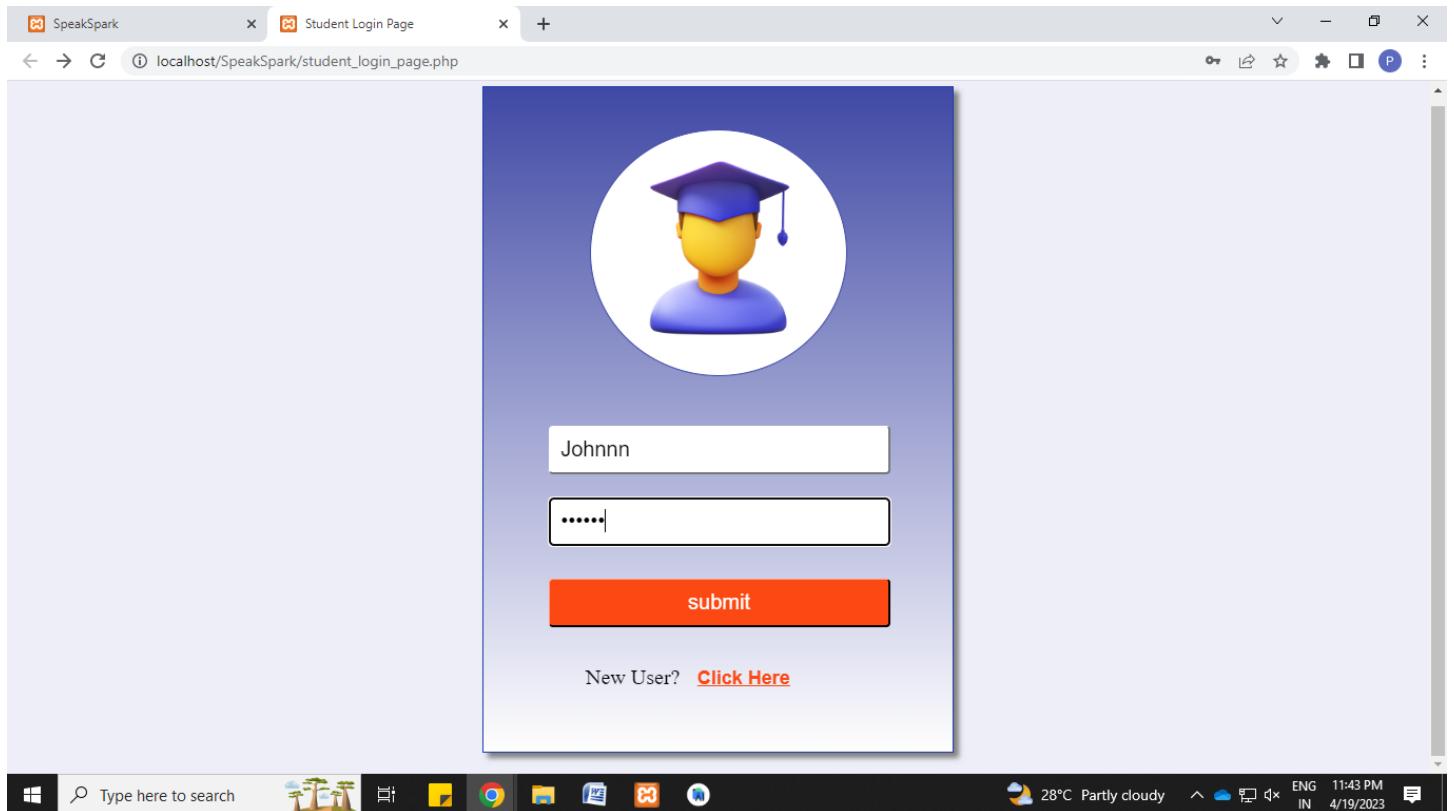
test_cases - Excel (Product Activation Failed)											
AARON ABY SAJI											
Cut	Copy	Format Painter	Font	Font	Font	Font	Font	Font	Font	Font	Font
Paste	Wrap Text	Merge & Center	General	Number	Number	Number	Number	Number	Number	Number	Number
Clipboard	Conditional Formatting	Format as Table	Cell Styles	Insert	Delete	Format	Cells	Cells	Cells	Cells	Cells
F82	AutoSum	Fill	Sort & Find & Filter	Select	Clear						
51											
52											
53											
54											
55	Test case templates										
56	test case name	schedule									
57	test case type	Functional test case									
58	module	schedule									
59	severity	minor									
60	pre-conditions	to book the session it requires date and time									
61	test-data	date,time									
62	summary	to check the functionality of the booking the session									
63											
64	Steps no	Description	Inputs	Expected result	Actual Result	Status	Comments				
65	1	Open Web browser and enter the url	localhost/SpeakSpark/available_tutors.php	schedule page must be displayed	As expected	-	pass				
66	2	Select the date		no required alert should be displayed	As expected		pass				
67	3	Select the time		no required alert should be displayed	As expected		pass				
68	4	Click on the Book Session button		no required alert should be displayed	As expected		pass				
69											
70											
71											
72	author										
73	date	17-04-2023									
74	reviewed by										
75	approved by										
76											
77											
78											
79											
80											

test_cases - Excel (Product Activation Failed)											
AARON ABY SAJI											
Cut	Copy	Format Painter	Font	Font	Font	Font	Font	Font	Font	Font	Font
Paste	Wrap Text	Merge & Center	General	Number	Number	Number	Number	Number	Number	Number	Number
Clipboard	Conditional Formatting	Format as Table	Cell Styles	Insert	Delete	Format	Cells	Cells	Cells	Cells	Cells
D32	AutoSum	Fill	Sort & Find & Filter	Select	Clear						
4											
5											
6											
7	Test case templates										
8	test case name	login									
9	test case type	Functional test case									
10	module	login									
11	severity	minor									
12	pre-conditions	to gain access it requires one login									
13	test-data	username,password									
14	summary	to check the functionality of the login									
15											
16	Steps no	Description	Inputs	Expected result	Actual Result	Status	Comments				
17	1	Open Web browser and enter the url	localhost/SpeakSpark/tutor_login_page.php	login page must be displayed	As expected	-	pass				
18	2	Enter the Username		no pattern alert should be displayed	As expected		pass				
19	3	Enter the Password		no pattern alert should be displayed	As expected		pass				
20	4	Click on the Submit button		no required alert should be displayed	As expected		pass				
21											
22											
23											
24	author										
25	date	17-04-2023									
26	reviewed by										
27	approved by										
28											
29											
30											
31											
32											
33											

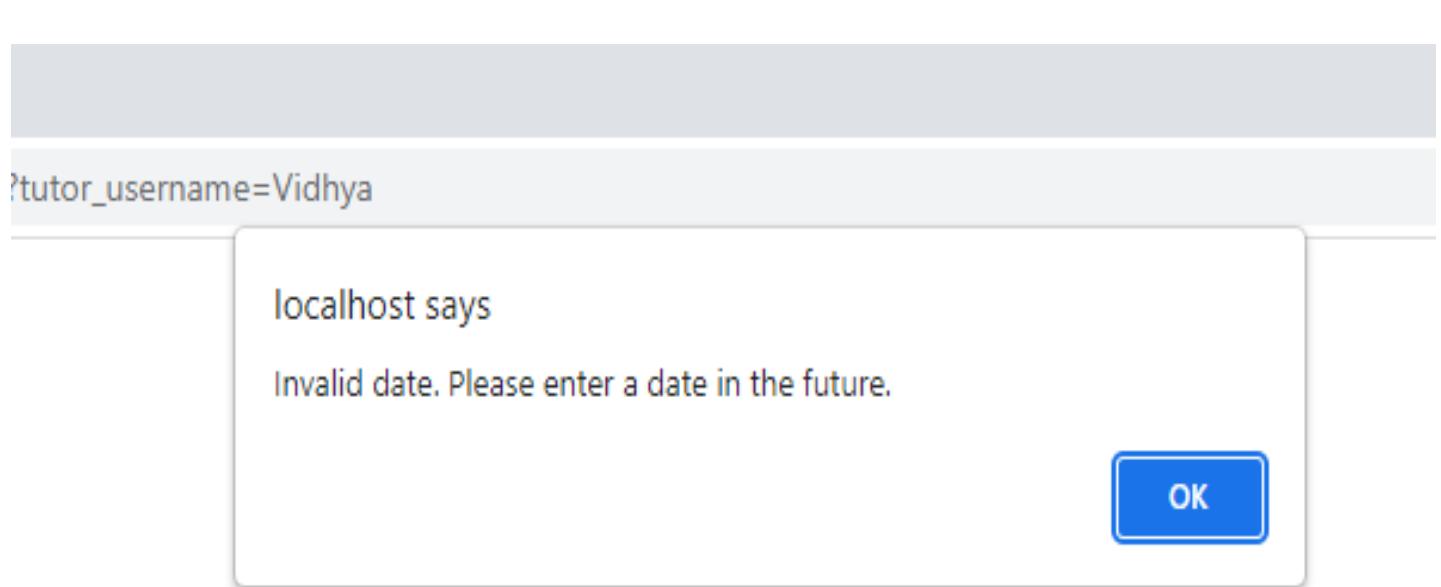
Black Box Testing:-

Validation for Student Login Page





Validation for Booking the Slots



Date: 

Time: 

Book

ername=Vidhya

localhost says

Slot booked successfully

OK

Date: 04/19/2023

Time: 11:51 PM

Book

localhost says

Slots already booked

OK

White Box Testing:-

Enter the Details

Enter your full name:

Enter your Email Address:

Create your User Name:

Please match the requested format.
UserName should be of 6 characters

Create your password:

Please match the requested format.
password should consists of 6 digits

Select Subscription Plan

Please select an item in the list.

Make a Payment

Enter the reference id of the payment:

Enter your Contact no:

Enter your Address:

Please match the requested format.
Contact number should consists of 10 digits

Upload your profile image:

Choose File Screenshot (564).png

Register

Code:

```
<html>
<head>
<title>SpeakSpark</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="footer_style.css">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
</head>
<style>
@import url('https://fonts.googleapis.com/css2?family=Faster+One&display=swap');
@import url('https://fonts.googleapis.com/css2?family=Concert+One&display=swap');
</style>
<body>

<div class="container">
<!-- navigation bar with buttons -->
<div class="topnav">
<a id="BookSpot" style="font-family: 'Concert One', cursive;font-size:25px;">SpeakSpark</a>
<a href="qc_login_page.php" class="rightside" target="_blank">QC</a>
<a href="admin_login_page.php" class="rightside" target="_blank">Admin</a>
<a href="tutor_login_page.php" class="rightside" target="_blank">Tutor</a>
<a href="student_login_page.php" class="rightside" target="_blank">Student</a>
</div>

<div class="row">
    <div class="column">
        <h1>Online English classes with<br> native speakers</h1>
        <input type="email" placeholder="Email" name="email" pattern="[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,63}$$" required>
```

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    <a href="student_registration.html">Get Started</a>
    </div>
    <div class="column">
        
    </div>
</div>

<iframe src="tutor_intro_video.html"></iframe>

</div>

<div class="card" style="height:600px;margin-bottom:100px;">
    <div class="container2">
        <h1>Choose your own tutor</h1>
        <p class="p1">Choose the tutor that has the personality, professional
experience, or focus area you need!</p>
        <a href="student_registration.html" class="a111">Start Learning</a>
    </div>
    
</div>

<!-- Footer Page -->
<footer>

<div class="row1">
    <div class="column1">
        <h4 class="underline" style="color:white;margin-
left:12%;">Registration</h4>
        <ul>
            <li><a href="student_registration.html">

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target="_blank">>Student Registration</a></li>
                <li><a href="tutor_registration.html"
target="_blank">>Tutor Registration</a></li>
                <li><a href="qc_registration.html"
target="_blank">>QC Registration</a></li>
                <li><a href="" target="_blank">Exam details</a></li>
            </ul>
        </div>

<div class="column1">
    <h4 class="underline" style="color:white; margin-left:12%;">Services</h4>
    <ul>
        <li><a href="available_tutor.php"
target="_blank">Available Tutors</a></li>
            <li><a href="guide_me.html" target="_blank">Guide to Student</a></li>
            <li><a href="guide_me1.html" target="_blank">Guide to Tutor</a></li>
            <li><a href="guide_me2.html" target="_blank">Guide to QC</a></li>
    </ul>
</div>

<div class="column1">
    <h4 class="underline" style="color:white; margin-left:12%;">Categories</h4>
    <ul>
        <li><a href="student_login_page.php"
target="_blank">Student Login Page</a></li>
            <li><a href="tutor_login_page.php"
target="_blank">Tutor Login Page</a></li>
    </ul>
</div>

```

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<li><a href="qc_login_page.php" target="_blank">QC  
Login Page</a></li>  
          <li><a href="admin_login_page.php"  
target="_blank">Admin Login Page</a></li>  
        </ul>  
</div>  
  
<div class="column1">  
          <h4 class="underline" style="color:white;margin-left:5%;">Follow  
Us</h4>  
          <a href=""><i class="fa fa-facebook"></i></a>  
          <a href=""><i class="fa fa-twitter"></i></a>  
          <a href=""><i class="fa fa-instagram"></i></a>  
          <a href=""><i class="fa fa-linkedin"></i></a>  
          <a href=""><i class="fa fa-telegram"></i></a>  
</div>  
  
</div>  
  
</footer>  
  
</body>  
  
</html>
```

Software and Hardware Specification:-

1) Operating System :

- 1) Windows: SpeakSpark can be accessed on Windows 7, Windows 8, Windows 8.1, and Windows 10.
- 2) MacOS: SpeakSpark can be accessed on MacOS X 10.9 (Mavericks) or later.
- 3) iOS: SpeakSpark can be accessed on iOS 9.0 or later on an iPhone, iPad.
- 4) Android: SpeakSpark can be accessed on Android 4.1 (Jelly Bean) or later on a compatible smartphone or tablet.

2) Software Requirements :

- 1) Technology Implemented – HTML,CSS,JS,PHP
- 2) Database Used – MySQL
- 3) Browser – Google Chrome, Mozilla Firefox, Microsoft Edge, and Apple Safari.
- 4) Web Server – Wamp,Xampp

3) Hardware Requirements :

- 1) Processor: A 1.6 GHz or faster processor is recommended, but most modern computers should have sufficient processing power to run the platform.
- 2) Memory: At least 2 GB of RAM is recommended, but the platform should run effectively with 1 GB of RAM.
- 3) Display: A display resolution of at least 1024 x 768 pixels is recommended, but most modern computers and devices should have a higher resolution display.
- 4) Camera: A built-in or external webcam is required for video conferencing with tutors.
- 5) Microphone: A built-in or external microphone is required for audio communication with tutors.

Future Enhancement:-

- 1) To offer a wide variety of languages to practice and not only English.

Bibliography and References :-

- 1) <https://www.SpeakSpark.com/>
- 2) <https://chat.openai.com/>
- 3) <https://www.quora.com/>
- 4) <https://stackoverflow.com/>