

PROJECT REPORT
PLACE WITH EASE

Submitted by

Vishakha Shukla (1913171)

Vertika Sahu (1913169)

Vanshika Mishra (1913166)

For the award of the degree of

Bachelor of Technology in Computer Science and Engineering

Under the supervision of

Supervisor

Dr. Ajit Kumar Jain

Associate Professor

Department of Computer Science

Faculty of Mathematics and Computing

Banasthali Vidyapith



**Department of Mathematics and Computing
Banasthali Vidyapith
Banasthali - 304022
Session: 2020-2021**

Certificate

Certified that **Vishakha shukla,Vertika Sahu and Vanshika Mishra** have carried out the project work titled “**Place With Ease**” from 02/01/2022 to 25/04/2022 for the award of the Bachelor of Technology in Computer Science and Engineering from Banasthali Vidyapith under my supervision. The thesis embodies the result of original work and studies carried out by Students themselves and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

Ajit Kumar Jain
Associate Professor
Department of Computer Science
Faculty of Mathematics and Computing
Banasthali Vidyapith

Place:Banasthali Vidyapith

Date:25/04/2022

Acknowledgement

We have taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals. I would like to extend my sincere thanks to all of them.

We are highly indebted to Banasthali Vidyapith for their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.

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1. Objective (Problem Statement)

The purpose of PlaceWithEase is to provide a website for an institution where the seniors can share their strategy for preparations, study materials, relevant resources, experience of interviews/online test of various companies for placements and answer to queries of juniors. With this project it is intended to make a platform where seniors can help juniors for preparation for placements and strategies to study for semesters in general.

Students face difficulty in preparations especially for interviews/ online tests for companies during placements. When it comes to preparation, the best people who can help are seniors but interaction between junior and seniors is not an easy task especially when online. There are various platforms where interaction can take place but they are not especially designed for this purpose but what if there is a platform exclusively designed for this purpose? Things would be much easier and efficient. So this is a web based application exclusively designed for the interaction between senior and juniors of the particular institution.

2. Requirement Analysis (SRS)

2.1. Hardware and Software Requirements

2.1.1. Hardware Interfaces

- Processor Core i3/i5 or ryzen 3/5
- Hard Disk Drive 500 GB
- RAM 4 GB

2.1.2. Software Interfaces

- Following are the softwares used:

Software used	Description
Operating System	Windows operating system because it has the best support and user friendliness. Minimum Windows 7

	required.
Database	To save all the records - MySQL
Frontend	HTML, CSS, Javascript along with Bootstrap framework and jquery
Backend	PHP

2.2. Feasibility Study

Technical Feasibility- The website is technically feasible since it is built upon various lucid technologies like HTML, CSS, Javascript, PHP which are very popular and understandable among developers today. The website has been developed to be fully functional within 5 months and incorporates all the features which it claims to provide to its users.

Market/User Feasibility- Simple and understandable UI (User Interface) designs makes it highly feasible for the potential users (students) to get familiar with the application. Also, a platform such as this, will have a high market feasibility in the current scenario of online studies where students lack proper guidance because of little or no interaction with the seniors (who can provide the best guidance when it comes to placements) and the sole purpose of PlaceWithEase is to bridge the communication gap between the seniors and juniors.

2.3. Product Functions

A. Registration

Purpose	This feature involves filling a registration form which includes the user's First name, Last name, email id(provided by university) , branch name , graduation year , through which a user will enroll in our website.
Pre-conditions	<ol style="list-style-type: none"> 1. Website is available. 2. Database is available 3. Internet is available
Post-conditions	<ol style="list-style-type: none"> 1. Personal details are entered into the user database table. 2. New user is created. 3. Message is sent back to the screen stating a new user has been created. 4. User redirected to login page
Basic flow	<ol style="list-style-type: none"> 1. Access URL 2. User selects user type(senior/junior) 3. Select Register link 4. Enter user details 5. User enter OTP 6. The system authenticates the OTP 7. User redirected to the login page after successful registration.

Alternative-flow	<ol style="list-style-type: none"> 1. If an existing user exists then a "User already exists" message is displayed. 2. If information is missing, an "Insufficient Information" message is displayed. 3. User enters invalid OTP, "invalid OTP message displayed".
------------------	---

B. Login

Purpose	This feature enables the user to operate their account on Place With Ease website. This provides security to the system by authenticating each member and provides confidence to the consumer that his/her personal information is secure.
Pre-conditions	<p>Internet ,website and database is available</p> <p>The user has an account</p> <p>The user is trying to log in with their account and correct credentials</p> <p>The user is not already logged in</p>
Post-conditions	<ol style="list-style-type: none"> 1. The user is logged in to the system 2. The user has access to the functions of the system

Basic flow	<ol style="list-style-type: none"> 1. User accesses the URL. 2. The system prompts the user for their account credentials. 3. The user enters their username and password. 4. The system authenticates the login 5. The user gains access to the systems functionality and redirected to profile page
Alternative-flow	<p>Invalid account user or password User already logged in</p>

C. Sharing

Purpose	By accessing this feature , our seniors can share materials like – notes , pdfs , youtube videos , links ,preparation tips , online test/interview experience etc.
Pre-Condition	Senior is logged in ; file exists on user's device from which he/she is accessing the account
Post-Condition	Junior to whom the content is made available is able to download it.
Basic Flow	<ol style="list-style-type: none"> 1. Senior log-in their account and then uploads a file to be shared using the upload option 2. Then selects the category (interview experience , notes , preparation tips) under which he wants to upload

	<ol style="list-style-type: none"> 3. The file then gets uploaded on our database and desired users are able to view and download it after logging in
--	--

D.Searching

Purpose	<ol style="list-style-type: none"> 1. This feature helps to search, a senior with a particular course or branch , resources regarding a certain course,branch , interview experience regarding certain company and preparation tips etc by making use of keywords like(branch name , company name). 2. This function gives the user filtered results in less time.
Pre-Condition	Junior is logged-in their account
Post-Condition	Search results
Basic Flow	<ol style="list-style-type: none"> 1. Junior is logged-in 2. Enters the keyword like course/branch name,Company name in the search box of specific categories 3. Click the search button and get the search results.

E. Spam-Check

Purpose	This feature is useful in removing all such content posted by the seniors that might be irrelevant for the website. This will help in maintaining the website spam-free.
Pre-conditions	<ol style="list-style-type: none"> 1. The user is logged in. 2. The junior reports the content as ‘spam’ when he/she comes across any such content which is not suitable for PlaceWithEase.
Post-conditions	The admin deletes those content which are reported as spam by the juniors and the content gets permanently deleted from the website.
Basic Flow	<ol style="list-style-type: none"> 1. Junior logs in. 2. Junior comes across any content which is irrelevant for PlaceWithEase. 3. Junior reports this content as ‘spam’. 4. As soon as the no. of spam reports for a particular content becomes greater than 5, the admin gets notified about the presence of spam data in the website. 5. Admin logs in. 6. Admin reviews the spam content and deletes it permanently, if necessary.
Alternative Flow	If the admin feels that the content is falsely reported as spam and is actually helpful for the students, he/she will not delete it and remove all the spam reports on that content.

F. Q/A Section

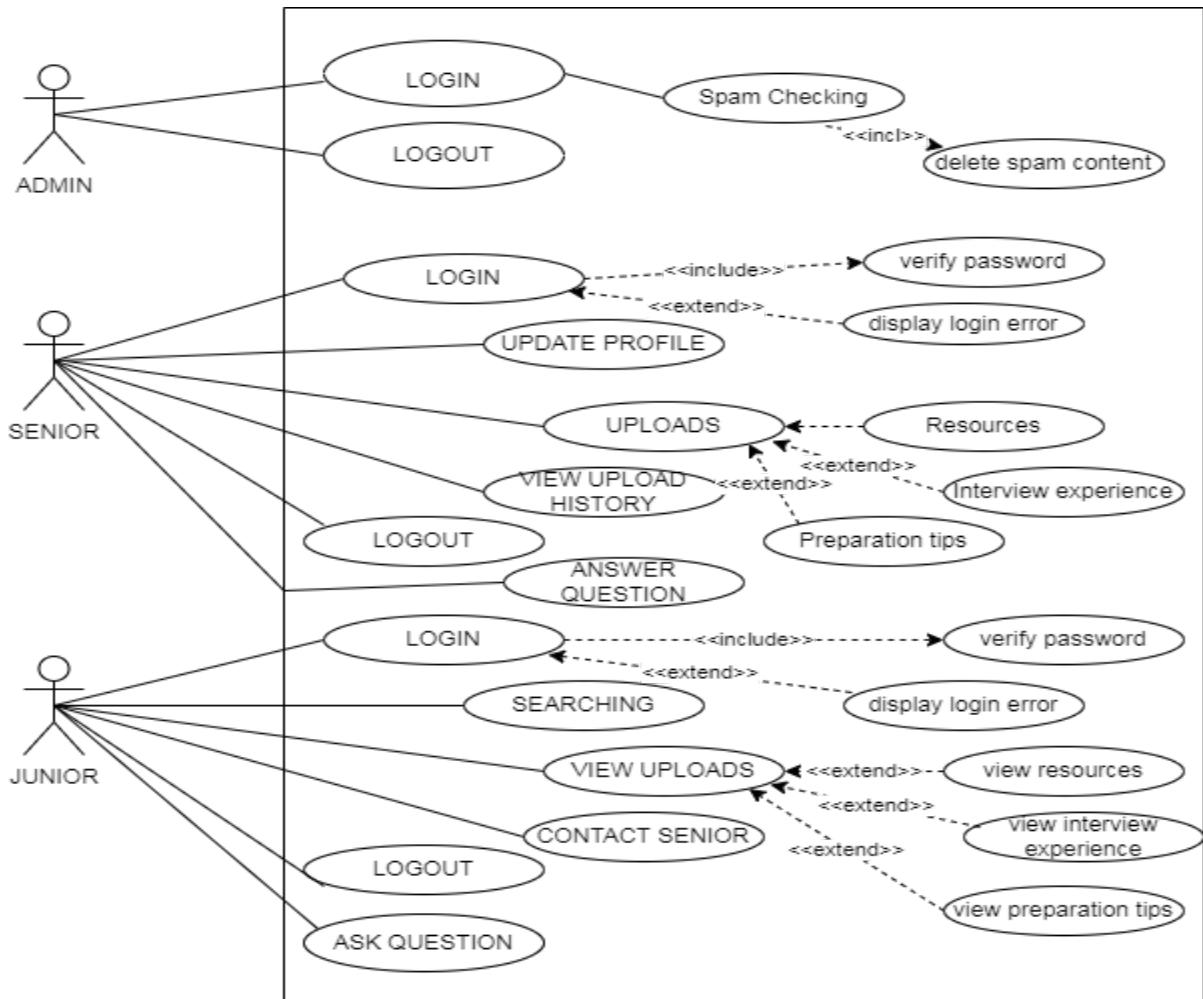
Purpose	This feature enables the juniors to view or post their questions which can be answered by their seniors.
Pre-conditions	<ol style="list-style-type: none"> 1. The user is logged in 2. The questioner should be a JUNIOR 3. The answerer should be a SENIOR
Post-conditions	<p>Case 1: ASK QUESTION- The question is posted on the website for other juniors to see and seniors to answer.</p> <p>Case 2: ANSWER QUESTION- The answer to the question is posted for other users to view.</p>
Basic Flow	<p>Case 1: ASK QUESTION-</p> <ol style="list-style-type: none"> a. Junior logs in. b. Junior types the question he/she intends to ask. c. After submission, this question is then stored in the database and is made available for juniors to view and seniors to respond. <p>Case 2: ANSWER QUESTION-</p> <ol style="list-style-type: none"> a. Senior logs in b. Senior looks for unanswered questions. c. On finding one, he/she submits the response to the question which can be viewed by other users of the website.

G. Logout

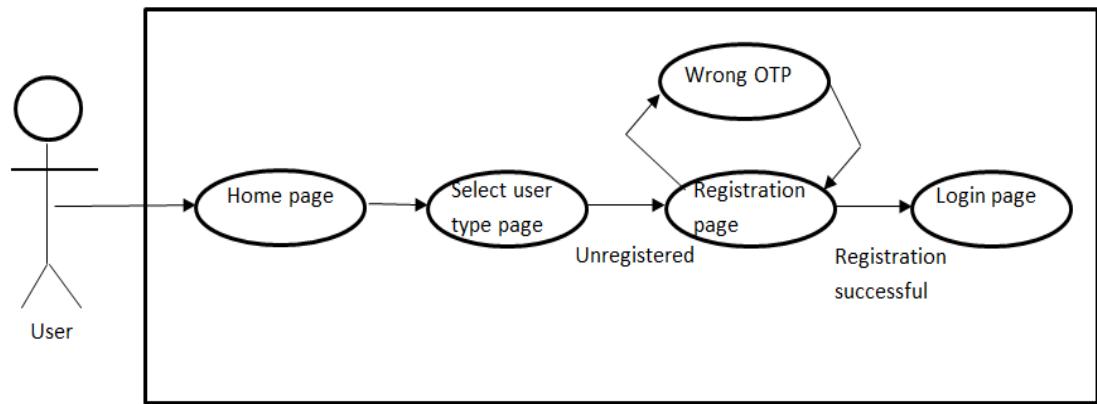
Purpose	The Logout section provides a way for the user to securely log out of the system when they are done with accessing their account.
Pre-conditions	<ol style="list-style-type: none"> 1. The Internet and website is available. 2. The user is logged in. 3. The user no longer wants to be logged in.
Post-conditions	<ol style="list-style-type: none"> 1. The user is logged out. 2. The user is redirected to the home page.
Basic-flow	<ol style="list-style-type: none"> 1. User is done using the website. 2. User clicks on my profile. 3. The user clicks on the logout option. 4. The system logs the user out and invalidates the cookie/session. 6. The system redirects to the Home page.
Alternative-flow	NA

2.4. Use-case Diagrams

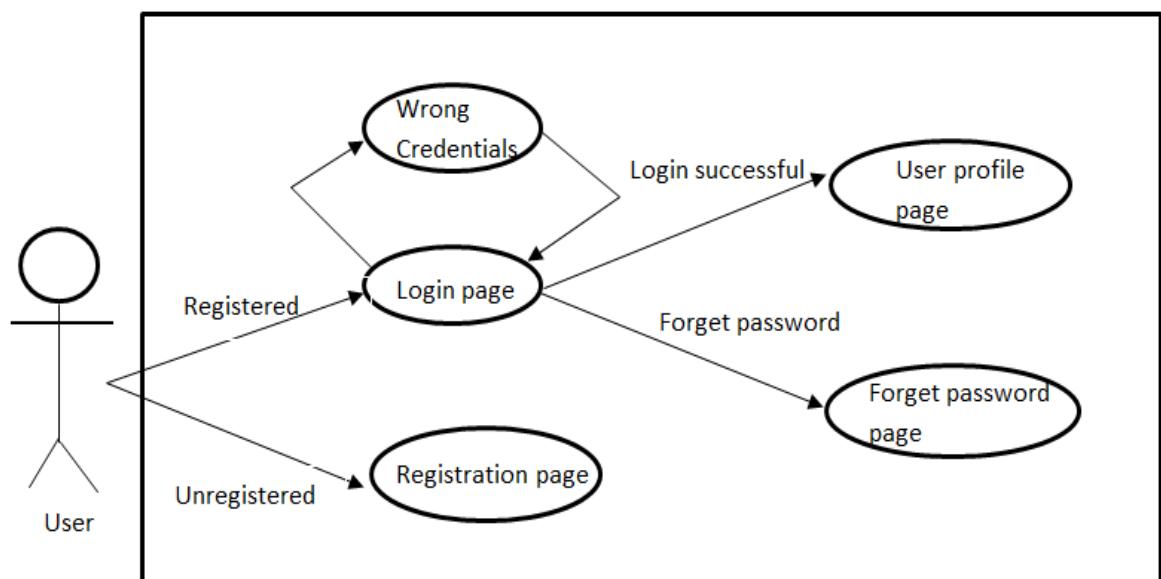
A. Use - Case diagram for Product Features.



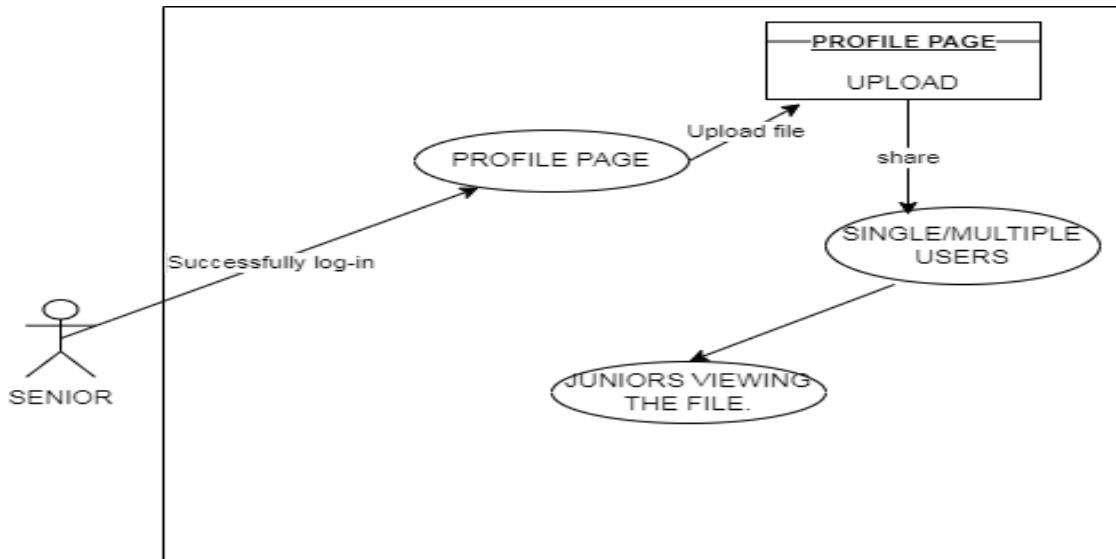
B. Registration



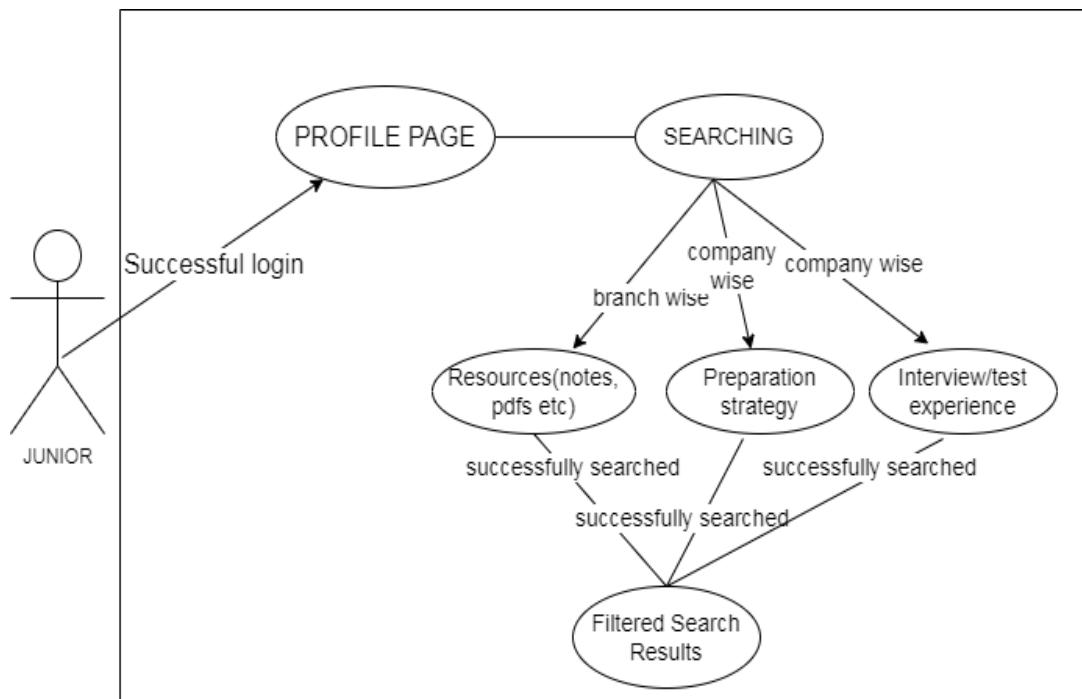
C. Login



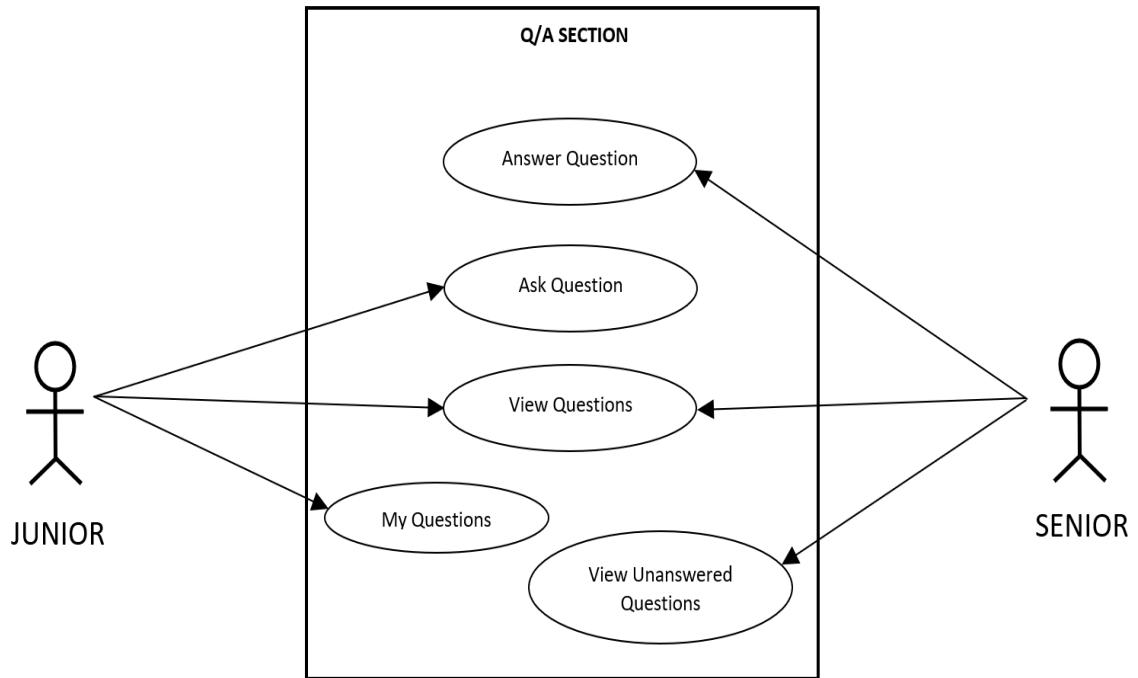
D. Sharing



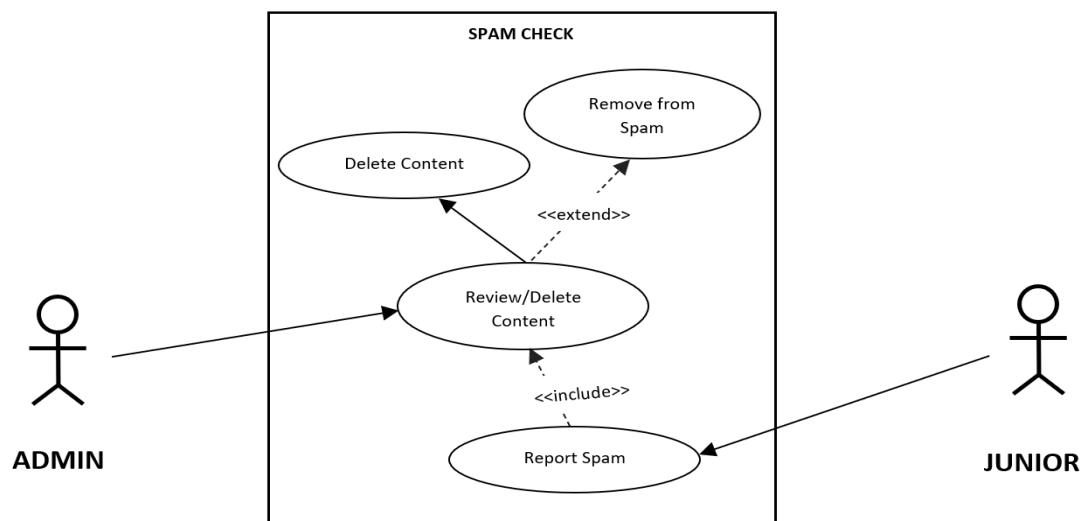
E. Searching



F. Q/A Section



G. Spam-Check



H. Logout



3. System Design (SDS)

3.1. Class Diagram

The following class diagram models the static view of the system.

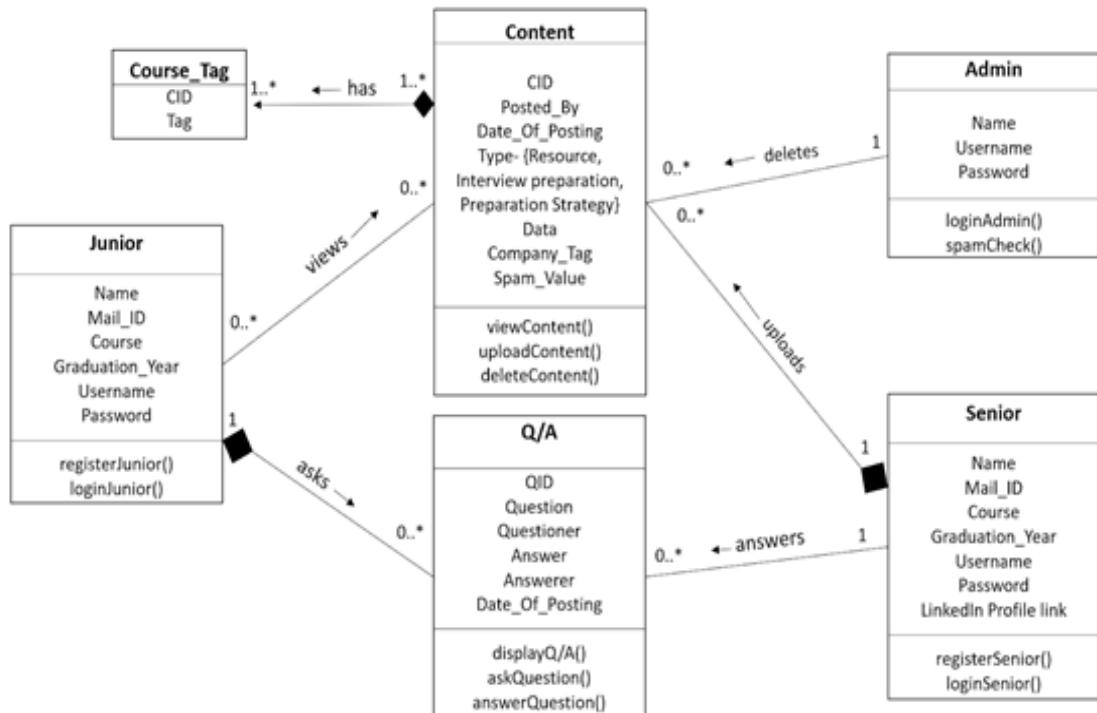


FIG. 3.1 class diagram

3.2. Database Design

Junior Table-

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
□ 1	sno 📃	int(11)			No	None		AUTO_INCREMENT	Change Drop More
□ 2	email 📩	varchar(45)	utf8mb4_general_ci		No	None			Change Drop More
□ 3	name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
□ 4	grad_year	year(4)			No	None			Change Drop More
□ 5	course	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
□ 6	password	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
□ 7	time_of_register	datetime			No	current_timestamp()			Change Drop More

Senior Table-

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
□ 1	sno 📃	int(11)			No	None		AUTO_INCREMENT	Change Drop More
□ 2	email 📩	varchar(45)	utf8mb4_general_ci		No	None			Change Drop More
□ 3	name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
□ 4	grad_year	year(4)			No	None			Change Drop More
□ 5	course	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
□ 6	password	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More
□ 7	link	varchar(250)	utf8mb4_general_ci		No	None			Change Drop More
□ 8	time_to_register	datetime			No	current_timestamp()			Change Drop More

Admin Table-

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
□ 1	sno 📃	int(11)			No	None		AUTO_INCREMENT	Change Drop More
□ 2	email 📩	varchar(45)	utf8mb4_general_ci		No	None			Change Drop More
□ 3	name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
□ 4	password	varchar(255)	utf8mb4_general_ci		No	None			Change Drop More

Content Table-

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
□ 1	c_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
□ 2	posted_by	varchar(45)	utf8mb4_general_ci		No	None			Change Drop More
□ 3	date	datetime			No	current_timestamp()			Change Drop More
□ 4	ctype	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
□ 5	data	varchar(500)	utf8mb4_general_ci		No	None			Change Drop More
□ 6	company	varchar(30)	utf8mb4_general_ci		Yes	NULL			Change Drop More
□ 7	spam	int(11)			No	None			Change Drop More

Course_tag Table-

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
□ 1	tag_no	int(11)			No	None		AUTO_INCREMENT	Change Drop More
□ 2	c_id	int(11)			No	None			Change Drop More
□ 3	tag	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More

Q/A Table-

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
□ 1	q_id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
□ 2	question	varchar(250)	utf8mb4_general_ci		No	None			Change Drop More
□ 3	questioner	varchar(45)	utf8mb4_general_ci		No	None			Change Drop More
□ 4	answer	varchar(250)	utf8mb4_general_ci		Yes	NULL			Change Drop More
□ 5	answerer	varchar(45)	utf8mb4_general_ci		Yes	NULL			Change Drop More
□ 6	course	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
□ 7	qtype	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
□ 8	date	datetime			No	current_timestamp()			Change Drop More

3.3. Activity Diagram

A. Admin Component

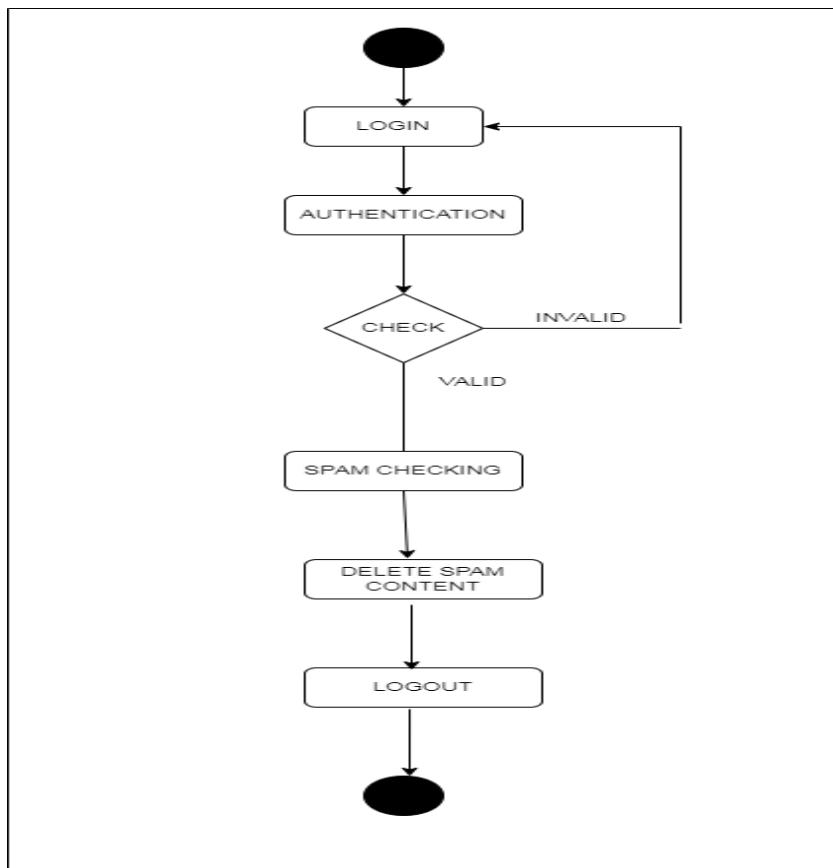


Fig 3.3.A Activity diagram for admin

B. Senior Component

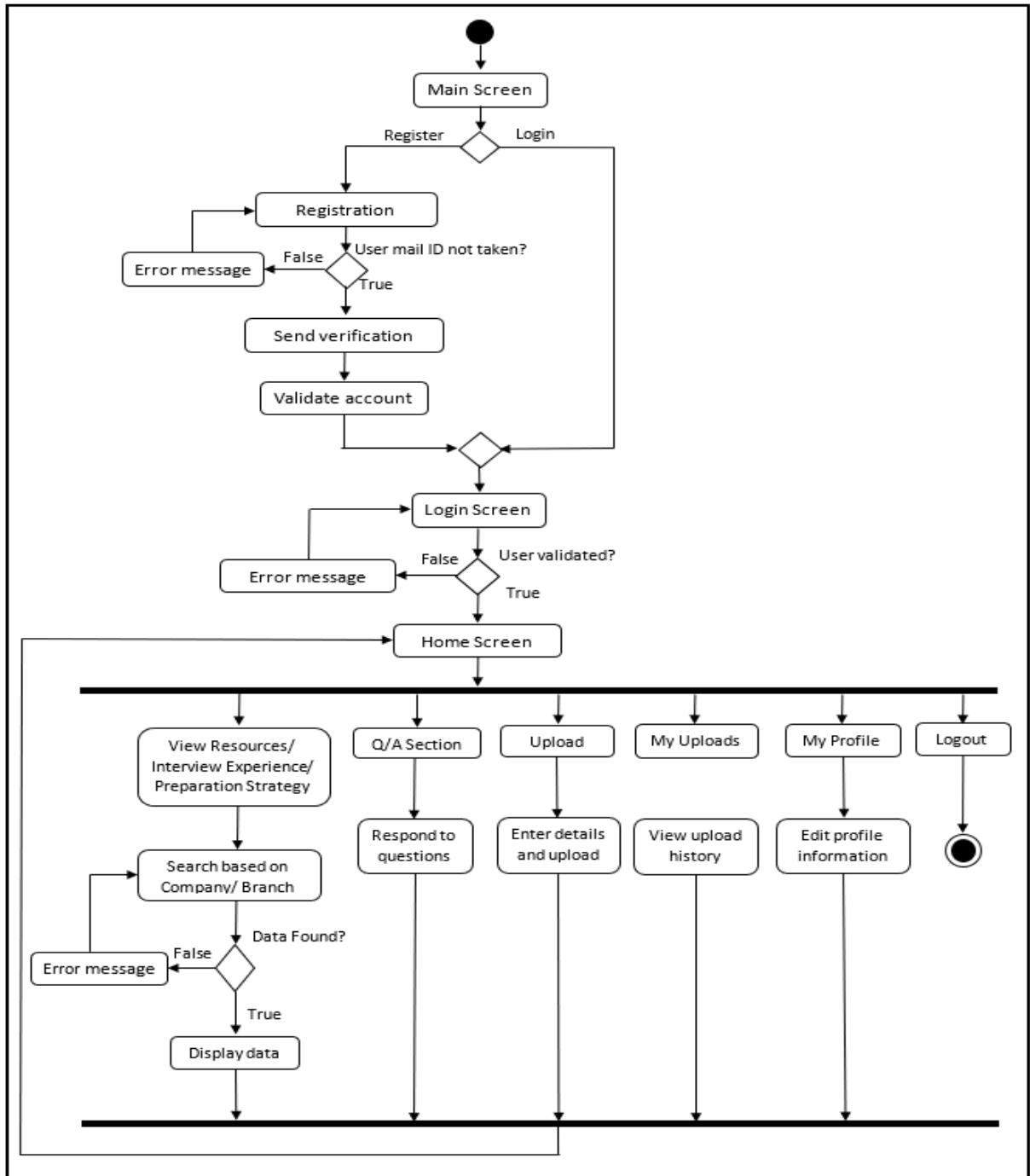


Fig 3.3.B. Activity diagram for seniors

C. Junior Component

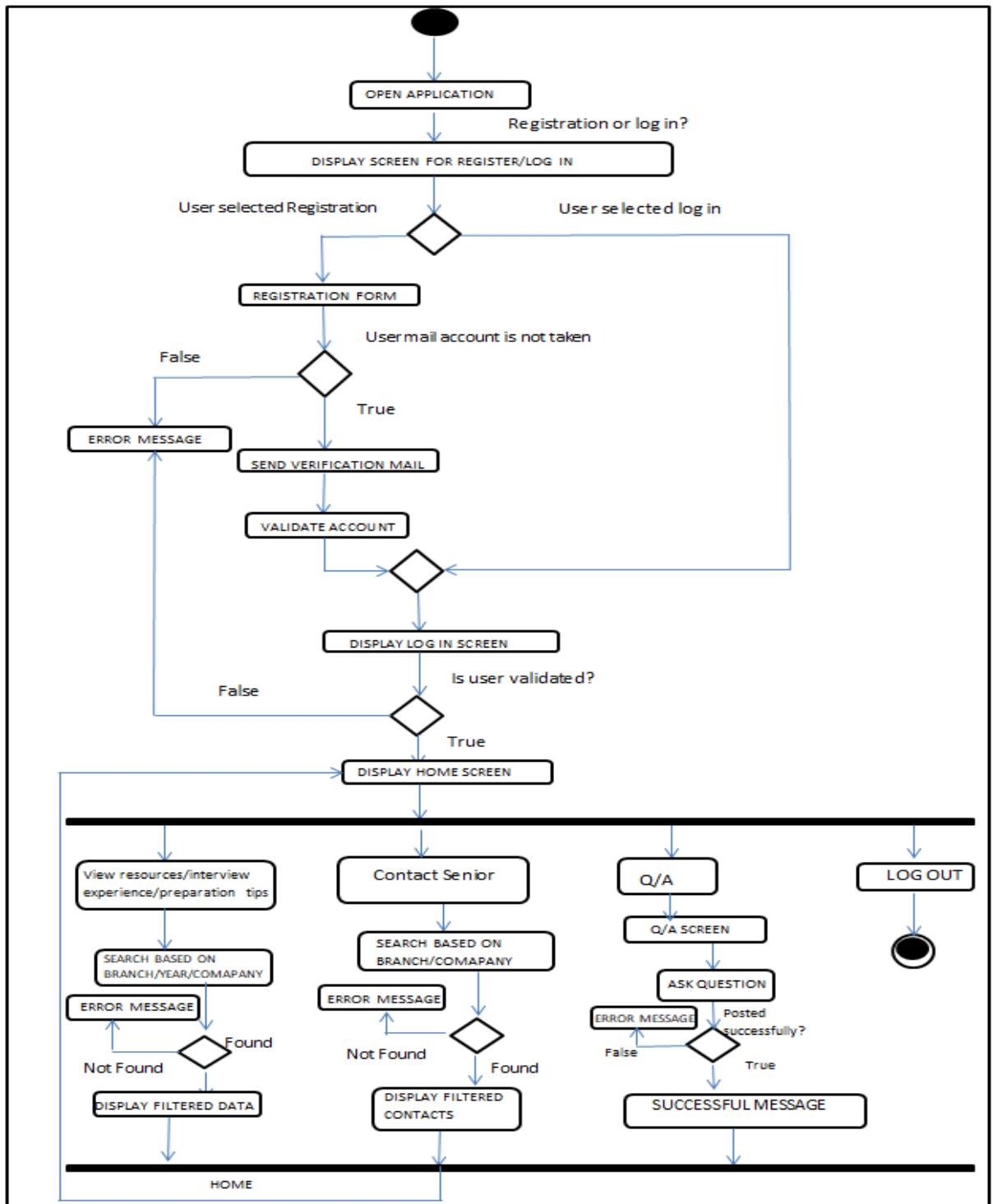


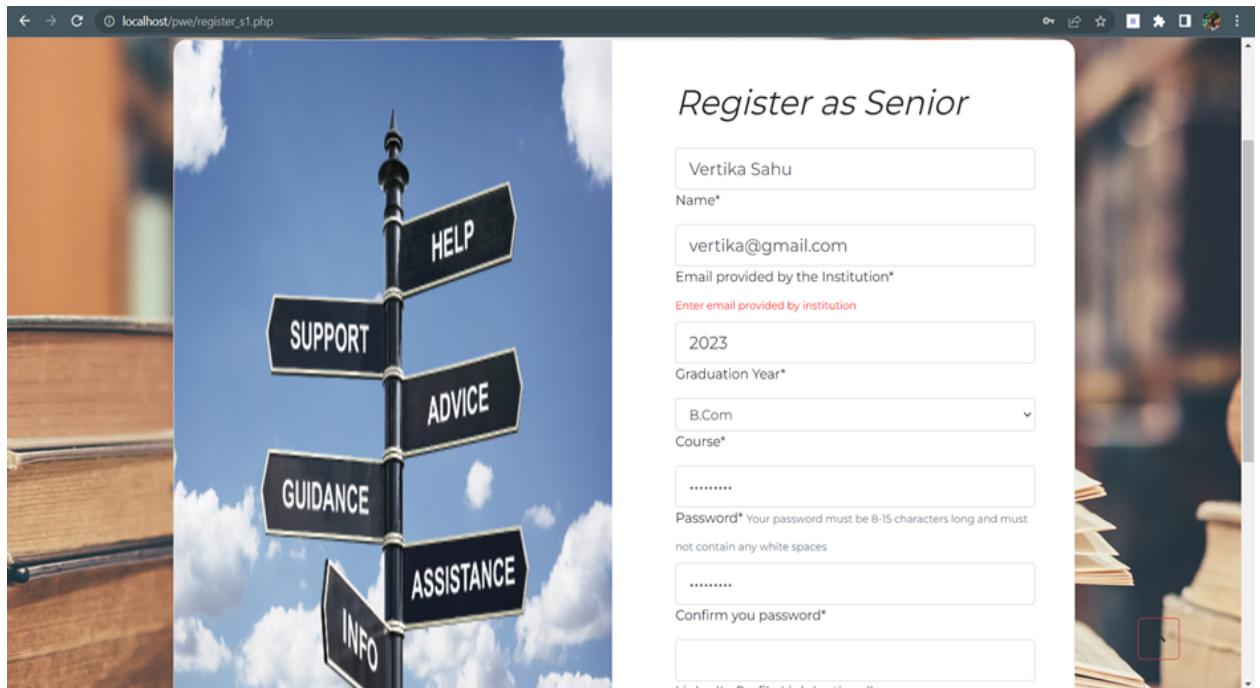
Fig 3.4.C. Activity diagram for junior

4. Testing

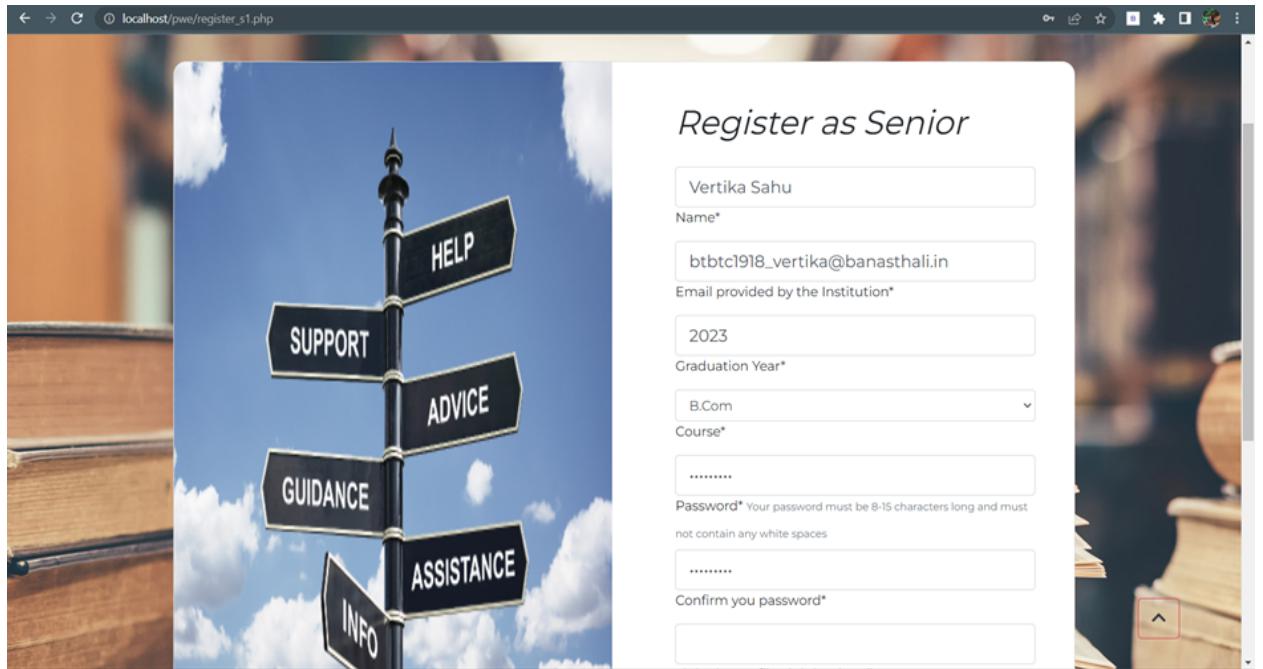
4.1. Test cases

- A. Users can register only with the email provided by the institution

Test case failed: email entered is not the one provided by the institution



Test Case passed:

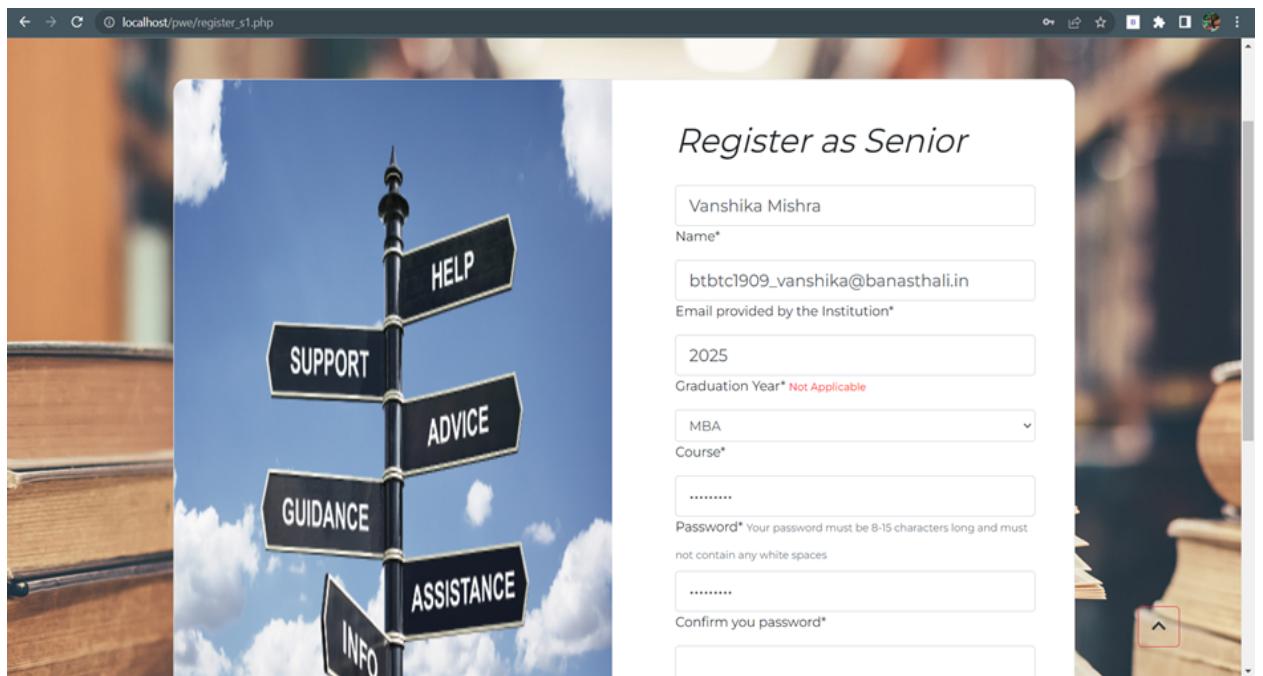


The screenshot shows a registration form titled "Register as Senior". The form fields are as follows:

- Name*: Vertika Sahu
- Email provided by the Institution*: btbtc1918_vertika@banasthali.in
- Graduation Year*: 2023
- Course*: B.Com
- Password*: Your password must be 8-15 characters long and must not contain any white spaces.
- Confirm you password*

- B. Seniors should be in their final year or already graduated at the time of register

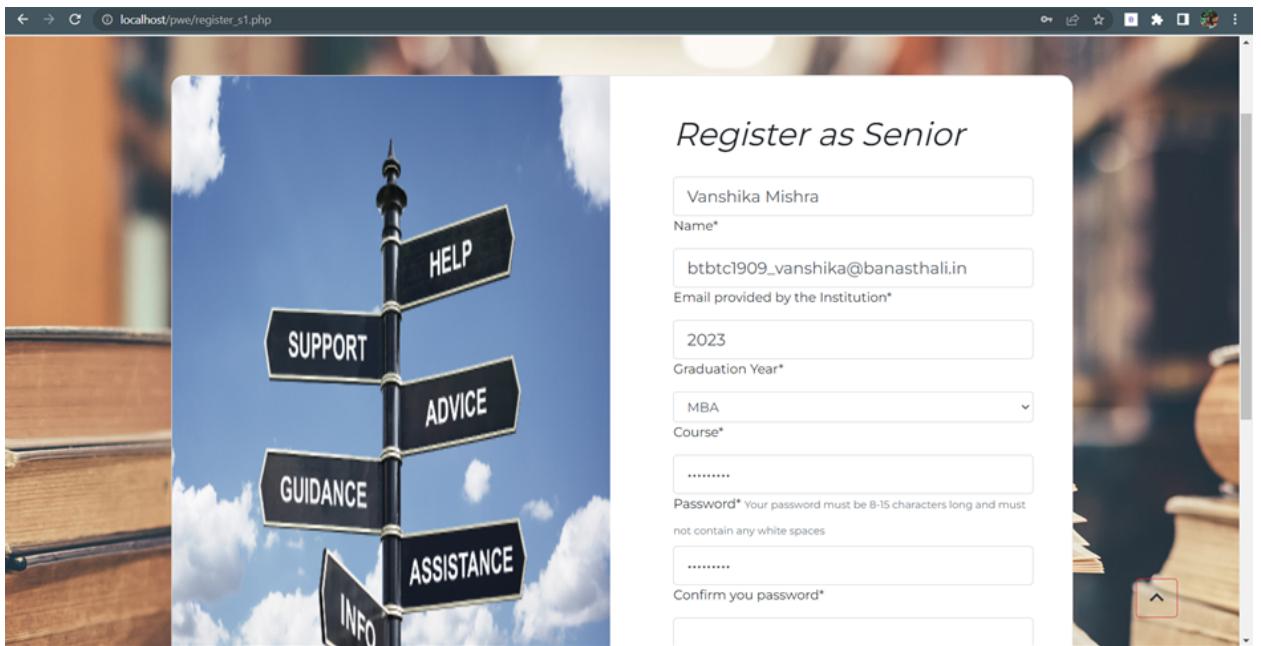
Test Case failed: current year= 2022, graduation year=2025 => not in final year



The screenshot shows a registration form titled "Register as Senior". The form fields are as follows:

- Name*: Vanshika Mishra
- Email provided by the Institution*: btbtc1909_vanshika@banasthali.in
- Graduation Year*: 2025 (highlighted in red)
- Course*: MBA
- Password*: Your password must be 8-15 characters long and must not contain any white spaces.
- Confirm you password*

Test Case passed: current year= 2022, graduation year=2023 => valid senior



localhost/pwe/register_s1.php

Register as Senior

Name*
Vanshika Mishra

Email provided by the Institution*
btbtc1909_vanshika@banasthali.in

Graduation Year*
2023

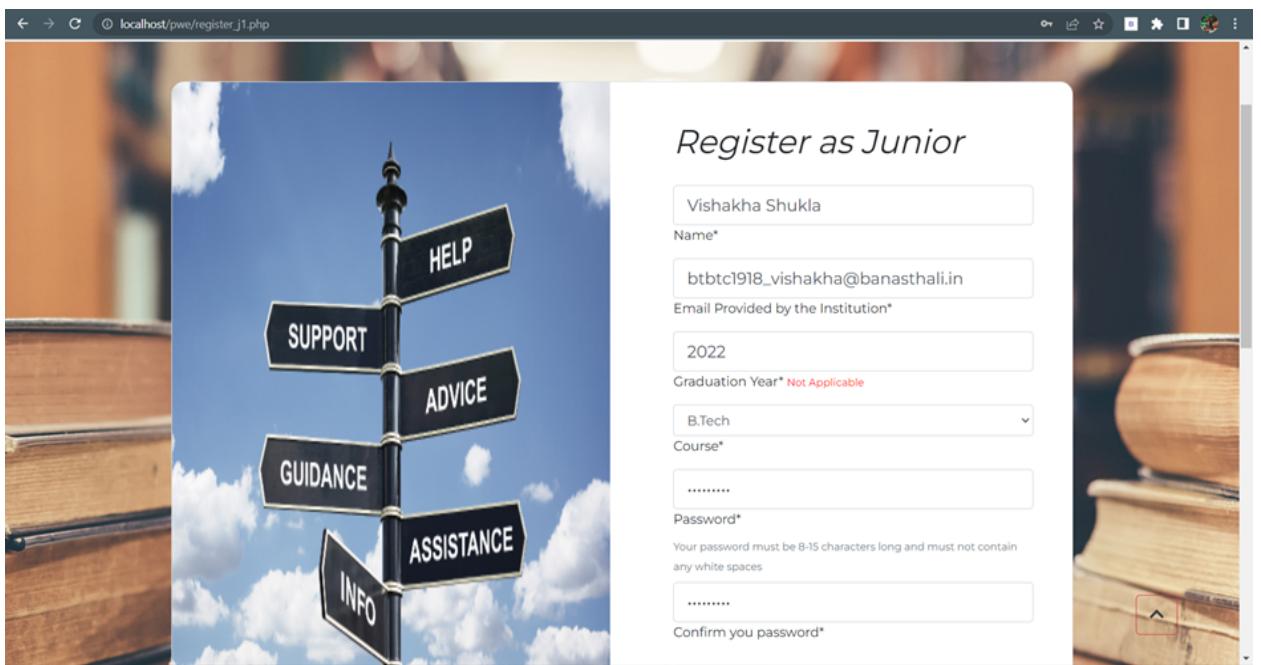
Course*
MBA

Password* Your password must be 8-15 characters long and must not contain any white spaces
.....

Confirm you password*

- C. Juniors should have a graduation year which is higher than the current year at the time of register

Test Case failed: current year= 2022, graduation year=2022 => not a junior



localhost/pwe/register_j1.php

Register as Junior

Name*
Vishakha Shukla

Email Provided by the Institution*
btbtc1918_vishakha@banasthali.in

Graduation Year* Not Applicable
2022

Course*
B.Tech

Password* Your password must be 8-15 characters long and must not contain any white spaces
.....

Confirm you password*

Test Case passed: current year= 2022, graduation year=2025 => valid junior

Register as Junior

Name*
Vishakha Shukla

Email Provided by the Institution*
btbtc1918_vishakha@banasthali.in

Graduation Year*
2025

Course*
B.Tech

Password*
.....

Your password must be 8-15 characters long and must not contain any white spaces

- D. **Email verification-** In order to verify if the email provided by the user at the time of registration is correct and belongs to him, a verification code (sent to the email) is needed to create and validate his account.

.....

Confirm Password*
.....

LinkedIn Profile Link (optional)
https://www.linkedin.com/in/vertika-sahu

Register

To validate your account enter the 6-digit verification code sent to the email provided by you

Verification Code*
Invalid code

Validate account



Features

Resources
Experience

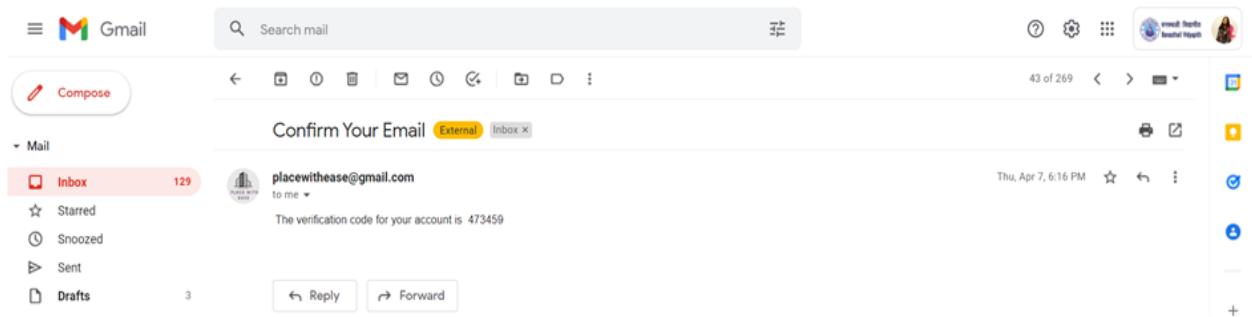
Quick Links

About
Contact Us

Support

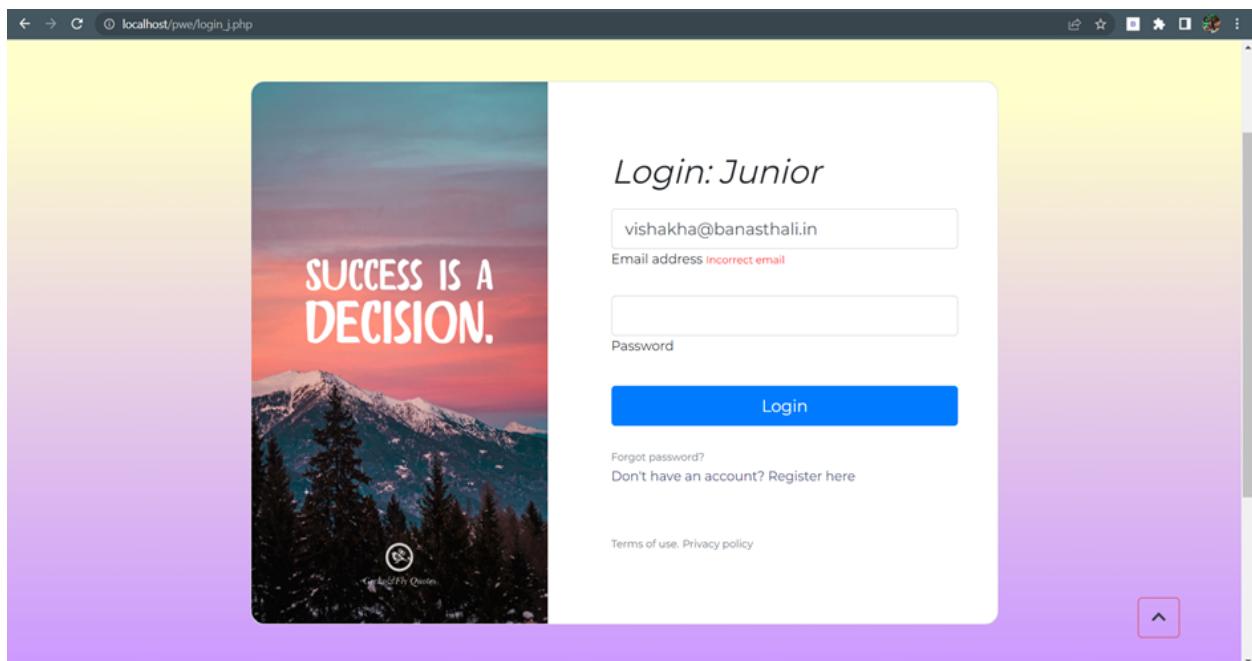
Frequently Asked Questions
Terms & Conditions

Verification code sent to email

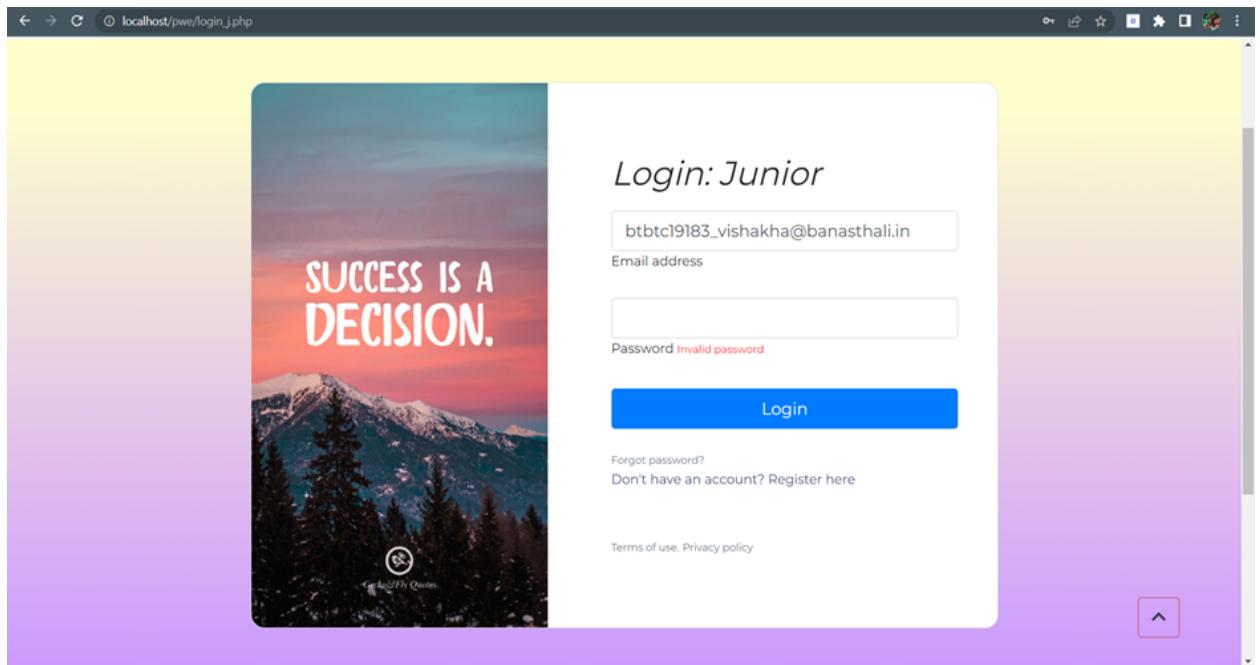


E. Credentials (Email and password) matching at the time of login

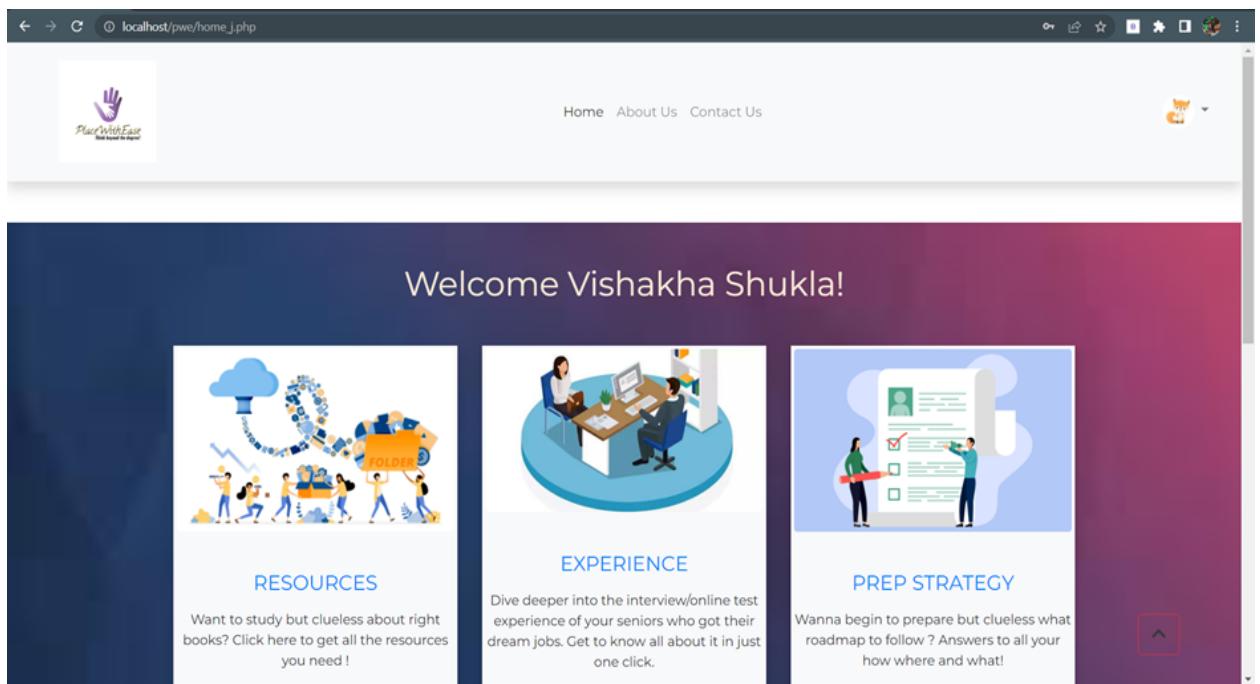
Test Case failed: incorrect email address



Test Case failed: incorrect password



Test Case passed: Login successful, redirected to home screen



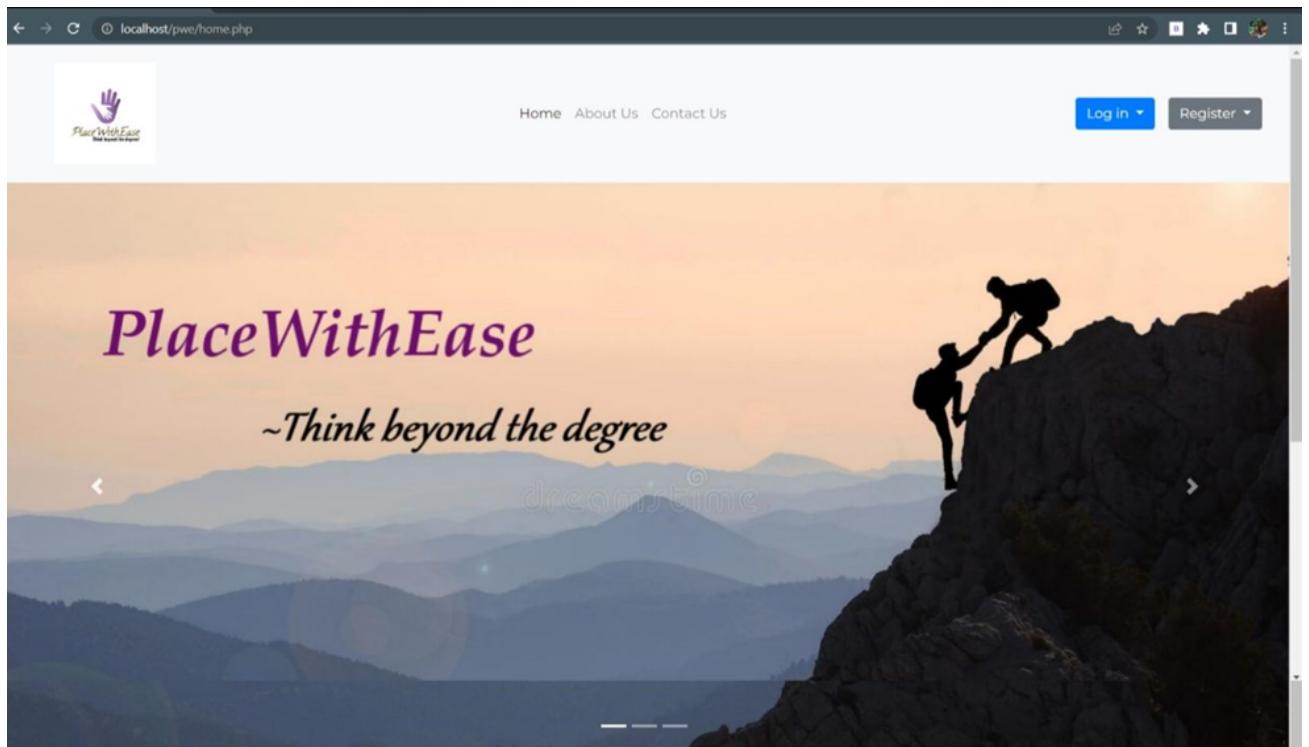
Test Case Table

<u>Test Case ID</u>	<u>Test Case Objective</u>	<u>Prerequisite</u>	<u>Input</u>	<u>Expected Input</u>	<u>Status</u>
1	Register with the email provided by the institution	User is not already registered	user@gmail.com	Email with @banasthali.in domain	FAILED
			user@banasthali.in		PASSED
2	Register as senior	User is not already registered	Graduation Year=2023	User should be in final year or have already graduated	FAILED
			Graduation Year=2020		PASSED
3	Register as junior	User is not already registered	Graduation Year=2022	Graduation Year of junior should be > current Year	FAILED
			Graduation Year=2025		PASSED
4	Validate account with the help of verification code	Email provided by the user is correct	Entered a different code	Verification code sent to the email	FAILED

			Entered the same code that was sent in the mail		PASSED
5	Login into the website	User is registered in the website	Wrong email address	Email address with which the user registered in the website	FAILED
			Entered correct email address, but wrong password	Password associated with the email address as entered at the time of registration	FAILED
			Entered correct email address and password		PASSED

5. User Interfaces

Main Screen



A screenshot of the PlaceWithEase website's footer area. It includes the 'PlaceWithEase' logo, the tagline 'THINK BEYOND THE DEGREE!', and a copyright notice. The footer is divided into four sections: 'Features', 'Quick Links', and 'Support', each with a list of links. There is also a small 'Report Issue' button and a feedback icon.

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Registration: Senior

Register as Senior

Name*

Email provided by the Institution*

Graduation Year*

select

Course*

Password* Your password must be 8-15 characters long and must not contain any white spaces

Confirm you password*

LinkedIn Profile Link (optional)

Register

Features

- Resources
- Experience
- Tips
- Q/A

Quick Links

- About
- Contact Us

Support

- Frequently Asked Questions
- Terms & Conditions
- Privacy Policy
- Report Issue

Copyright ©2022 All rights reserved

Registration: Junior

Register as Junior

Name*

Email Provided by the Institution*

Graduation Year*

Course*

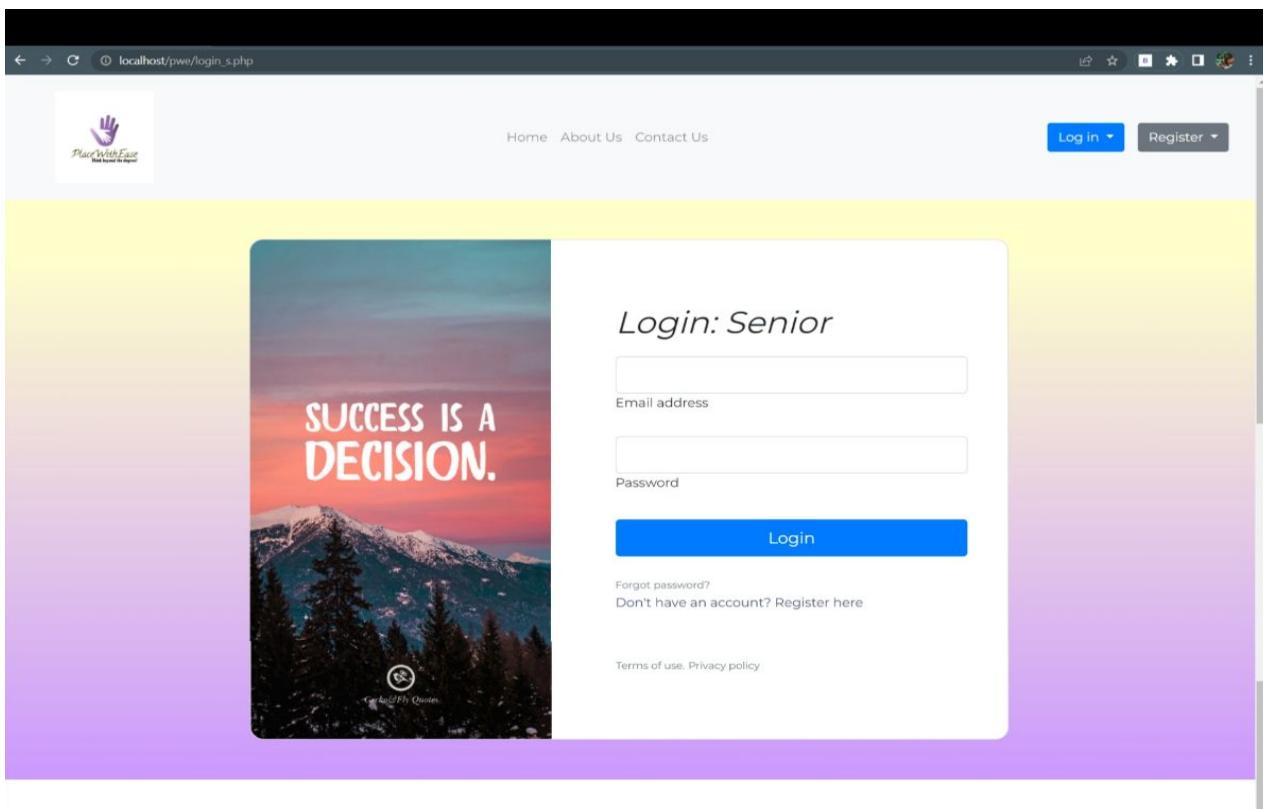
Password*

Your password must be 8-15 characters long and must not contain any white spaces

Confirm your password*

Register

Login: Senior



Home Page: Senior

The screenshot shows a web browser window with the URL `localhost/pwe/home_s.php`. The page has a dark blue header bar with the website logo "PlaceWithEase" and the tagline "THINK BEYOND THE DEGREE!". Below the header, there is a navigation bar with links to "Home", "About Us", and "Contact Us". On the right side of the header, there is a user profile menu with options "My Profile", "History", and "Log Out".

The main content area features a welcome message "Welcome Vanshika Mishra!" at the top. Below it are four cards arranged in a grid:

- RESOURCES**: An illustration of two people sitting on a stack of books. Below the card, text reads: "Share the right resources with your peers and juniors."
- EXPERIENCE**: An illustration of two people working at a desk with computers. Below the card, text reads: "There are different experiences to learn from. Share your experiences with your peers and juniors."
- PREPARATION STRATEGY**: An illustration of two people looking at a large document or checklist. Below the card, text reads: "We know you've got that roadmap. Help your juniors by sharing that strategy!"
- Q/A**: An illustration of three people running towards a large question mark. Below the card, text reads: "Answer all the doubts of your juniors here!"

The footer section contains several links and a logo:

- PlaceWithEase** logo with the tagline "THINK BEYOND THE DEGREE!"
- Features** section with links to "Resources", "Experience", "Preparation strategy", and "Q/A".
- Quick Links** section with links to "About" and "Contact Us".
- Support** section with links to "Frequently Asked Questions", "Terms & Conditions", "Privacy Policy", and "Report Issue".
- A small upward-pointing arrow icon.

Home Page: Junior

Welcome Vishakha Shukla!

RESOURCES

Want to study but clueless about right books? Click here to get all the resources you need !

EXPERIENCE

Dive deeper into the interview/online test experience of your seniors who got their dream jobs. Get to know all about it in just one click.

PREP STRATEGY

Wanna begin to prepare but clueless what roadmap to follow ? Answers to all your how where and what!

Q/A

Have lots of questions in your mind? why not ask directly from your seniors.

CONTACT SENIORS

Wanna have a one on one conversation with your seniors. Connect with them.

THINK BEYOND THE DEGREE!

Features

- [Resources](#)
- [Experience](#)
- [Preparation strategy](#)
- [Q/A](#)

Quick Links

- [About](#)
- [Contact Us](#)

Support

- [Frequently Asked Questions](#)
- [Terms & Conditions](#)
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Interview Experience Page: Senior

The screenshot shows a web browser window displaying a page from 'PlaceWithEase'. The URL in the address bar is 'localhost/pwe/interview_s.php'. The page features a logo for 'PlaceWithEase' with the tagline 'Think beyond the degree!' in the top left corner. In the top right corner, there are links for 'Home', 'About Us', and 'Contact Us', along with a user icon.

Below the header, there is a search bar with the placeholder 'Enter company name.' and a red 'Search' button. To the right of the search bar is a large input field labeled 'Share your experience' with a placeholder 'Share your experience'.

Underneath the input field, there is a dropdown menu titled 'Select Course(s)' containing 'General' and 'B.TECH CS'. Next to it is another input field labeled 'Enter Company Name'. A blue 'Share' button is located to the right of these fields.

The main content area displays two interview experiences:

- Vanshika Mishra:** A profile picture of Vanshika Mishra is shown next to her name. Below her name is a detailed description of her interview process: 'There were totally 5 rounds,(1 online coding Test+3 Technical Interviews+1 (managerial-cum-technical Round)). Round-I: The test was conducted on amazon's platform. It had 4 sections: 1. Code Debugging (C, C++, Java)[Not sure of python and other languages]. (20 minutes) 2. Aptitude and Reasoning Ability. (35 minutes) 3. Workstyles Assessment. (20 minutes) 4. Coding Round. (70 minutes) Round -2 & 3(Technical Interview)'. Below the description are several category tags: 'B.TECH_CS', 'B.TECH_IT', 'B.TECH_ECE', 'Microsoft', and a 'Report spam' link.
- Vanshika Mishra:** Another profile picture of Vanshika Mishra is shown next to her name. Below her name is a brief description: 'Difficulty level: moderate. There were 3 coding rounds and 1HR round. The duration of 1st coding round was 90 minutes. Out of 880 students, 47 passed this round.'. Below the description are category tags: 'B.TECH_CS', 'Amazon', and a 'Report spam' link.

At the bottom of the page, there is a footer section with the 'PlaceWithEase' logo and the tagline 'THINK BEYOND THE DEGREE!'. The footer is divided into four columns:

- Features:** Resources, Experience, Preparation strategy, Q/A.
- Quick Links:** About, Contact Us.
- Support:** Frequently Asked Questions, Terms & Conditions, Privacy Policy, Report Issue.

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Interview Experience Page: Junior

The screenshot shows a web browser displaying a page from 'localhost/pwe/interview_j.php'. The header includes the PlaceWithEase logo, navigation links for Home, About Us, and Contact Us, and a search bar. The main content features a red success message: 'Hope you get your desired results!!!'. Below this is a search form with a placeholder 'Enter company name.' and a red 'Search' button. The page displays two interview experiences for 'Vanshika Mishra'.

Interview Experience 1:

User: Vanshika Mishra

Description: There were totally 5 rounds,[1 online coding Test+3 Technical Interviews+1 (managerial-cum-technical Round)]. Round-1: The test was conducted on amazon's platform. It had 4 sections: 1. Code Debugging (C, C++, Java)[Not sure of python and other languages]. (20 minutes) 2. Aptitude and Reasoning Ability. (35 minutes) 3. Workstyles Assessment. (20 minutes) 4. Coding Round. (70 minutes) Round -2 & 3[Technical Interview]

Tags: B.TECH_CS, B.TECH_IT, B.TECH_LEC, Microsoft, Report spam

Interview Experience 2:

User: Vanshika Mishra

Description: Difficulty level: moderate. There were 3 coding rounds and 1HR round. The duration of 1st coding round was 90 minutes. Out of 880 students, 47 passed this round.

Tags: B.TECH_CS, Amazon, Report spam

Footer:

PlaceWithEase Think beyond the degree!

THINK BEYOND THE DEGREE!

Features

- Resources
- Experience
- Preparation strategy
- Q/A

Quick Links

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- Contact Us

Support

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Search Result Page

The screenshot shows a web browser window with the URL `localhost/pwe/search.php?company=Microsoft&type=interview`. The page title is "Search results for "Microsoft"".

At the top left is the logo for "PlaceWithEase" featuring a hand icon. At the top right are links for "Home", "About Us", and "Contact Us". A small orange fox icon is also present in the top right corner.

The main content area displays a single search result for "Vanshika Mishra". It includes a profile picture, the name "Vanshika Mishra", and a detailed description of her interview experience:

There were totally 5 rounds,(1 online coding Test+3 Technical Interviews+1 (managerial-cum-technical Round)). Round-1: The test was conducted on amazon's platform. It had 4 sections: 1. Code Debugging (C, C++, Java)[Not sure of python and other languages]. (20 minutes) 2. Aptitude and Reasoning Ability. (35 minutes) 3. Workstyles Assessment. (20 minutes) 4. Coding Round. (70 minutes) Round -2 & 3[Technical Interview]

Below the description are several tags: **B.TECH_CS**, **B.TECH_IT**, **B.TECH_EC**, **Microsoft**, and a "Report spam" link.

At the bottom of the page, there is a footer navigation bar with the "PlaceWithEase" logo and the tagline "THINK BEYOND THE DEGREE!". The footer is divided into three sections: "Features", "Quick Links", and "Support".

- Features**: Resources, Experience, Preparation strategy.
- Quick Links**: About, Contact Us.
- Support**: Frequently Asked Questions, Terms & Conditions, Privacy Policy.

On the far right of the footer, there are two small icons: an upward arrow and a downward arrow.

Q/A Page

The screenshot shows a web page titled "Q/A Page" with the URL "localhost/pwe/qa_s.php". At the top, there is a navigation bar with links for "Home", "About Us", and "Contact Us". Below the navigation bar, there is a search bar with dropdowns for "Select course" and "Select Type", and a red "Search" button. The main content area displays a list of questions and answers:

- Vishakha Shukla** asked: Which are some important non-tech subjects for placements? (2022-04-17 16:22:18)
- Vanshika Mishra** answered: Prepare DBMS, Operating System, OOPS concepts, Data Communication and Networks.
- Vishakha Shukla** asked: From which year should we start preparing for placements? (2022-04-17 15:13:47)
- Vishakha Shukla** asked: Which programming language (C, C++, or Java) should I use for cracking the coding interview? (2022-04-17 15:12:17)
- Vertika Sahu** answered: Whichever language you feel comfortable with. You should concentrate more on how to solve the problems rather than which language to use. Also, try to use C++ instead of C as its STL is very helpful.



THINK BEYOND THE DEGREE!

Features

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Q/A Page Junior

The screenshot shows a web application interface for a question-and-answer section. At the top, there is a header with a logo, navigation links for 'Home', 'About Us', and 'Contact Us', and a search bar with dropdown menus for 'Select course' and 'Select Type', followed by a red 'Search' button.

Below the header is a large input field labeled 'Ask your question'. Underneath this field are two dropdown menus: 'select course' and 'Select Type', and a blue 'share' button.

The main content area displays a list of questions and their corresponding answers:

- Vishakha Shukla** asked a question on April 17, 2022, at 16:22:18. The question was: "Which are some important non-tech subjects for placements?". A user named **Vanshika Mishra** responded with: "Prepare DBMS, Operating System, OOPS concepts, Data Communication and Networks". This post is categorized under 'B.TECH CS' and 'Resouce'.
- Vishakha Shukla** asked another question on April 17, 2022, at 15:13:47. The question was: "From which year should we start preparing for placements?". This post is categorized under 'General' and 'Preparation Strategy'.
- Vishakha Shukla** asked a third question on April 17, 2022, at 15:12:17. The question was: "Which programming language (C, C++, or Java) should I use for cracking the coding interview?". A user named **Vertika Sahu** responded with: "Whichever language you feel comfortable with. You should concentrate more on how to solve the problems rather than which language to use. Also, try to use C++ instead of C as its STL is very helpful.". This post is categorized under 'General' and 'General'.

Add answer page: Seniors

The screenshot shows a web browser window with the URL `localhost/pwe/question.php?quesid=7`. The page displays a question from a user named Vishakha Shukla, who has a profile picture and the text "PlaceWithEase". The question is: "From which year should we start preparing for placements?". The timestamp for the question is 2022-04-17 15:13:47. Below the question, there is a text input field with the placeholder "Type your answer" and a "Submit" button. A small "Up" arrow icon is located in the bottom right corner of the input field.

Vishakha Shukla
From which year should we start preparing for placements?
2022-04-17 15:13:47

Type your answer

Submit

Up

Contact Senior Page

localhost/pwe/contact_j.php

PlaceWithEase
Think beyond the degree!

Home About Us Contact Us

Select course

Contacts

VANSHIKA MISHRA,
B.TECH CS
[Connect on LinkedIn](#)

VERTIKA SAHU,
B.COM
[Connect on LinkedIn](#)

KRATI SHARMA,
MCA
[Connect on LinkedIn](#)

AKSHITA SHUKLA,
B.TECH MT
[Connect on LinkedIn](#)

ANANYA RATHORA,
MTECH
[Connect on LinkedIn](#)

TANISHA JAIN,
BSC
[Connect on LinkedIn](#)

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My Profile Page

The screenshot shows a profile page for a user named Vertika Sahu. At the top, there's a navigation bar with links for Home, About Us, Contact Us, and a user icon. Below the navigation is a large purple background area. In the center, there's a white rounded rectangle containing a circular profile picture of a person with glasses and pink hair, identified as Vertika Sahu. Below the picture, her name is displayed in red text, followed by "BTech CS | LinkedIn@id". A blue "Edit Profile" button is at the bottom of this section. At the very bottom of the page, there's a footer with the PlaceWithEase logo, the tagline "THINK BEYOND THE DEGREE!", and several links under three categories: Features, Quick Links, and Support.

Features

- Resources
- Experience
- Preparation strategy
- Q/A

Quick Links

- About
- Contact Us

Support

- Frequently Asked Questions
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- Privacy Policy
- Report Issue

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About Us Page

This platform connects seniors and juniors of a particular institution virtually mainly to guide the juniors how they should crack their desired company because at the time of placements , the best people who can guide us is our seniors.

Our website offers following features-

	Resources A senior can share their resources form where they studied and a junior can view and access them anytime. Isn't it amazing?		Interview Experience Senior can share their experiences of interviews , online tests etc with the juniors so that they can get a deeper knowledge and can prepare accordingly		Q/A Juniors can reach out to their seniors anytime with their queries and they are liable to answer that.
--	---	--	---	--	---

	Preparation Strategy Seniors can share their roadmap of how they prepared for the companies with their juniors so that they can also follow that and get placed in their desired company		Contact Seniors Juniors can reach out to any senior they want and can connect with them personally through the linked-id available with their profile		Spam Check This is useful in removing all such content posted by the seniors that might b irrelevant for the website.This will help in maintaining the website spam free.
--	--	--	---	--	---

 THINK BEYOND THE DEGREE!	Features <ul style="list-style-type: none"> Resources Experience Preparation strategy Q/A 	Quick Links <ul style="list-style-type: none"> About Contact Us 	Support <ul style="list-style-type: none"> Frequently Asked Questions Terms & Conditions Privacy Policy Report Issue
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Contact Us Page

localhost/pwe/contactus.php

Contact Us



Let's Talk

Phone: +91-987654XXXX



Drop a Line

Email: placewithease@gmail.com



24x7 Support

Customer: 1800 101 303



Follow us on insta!

@placeWithEase



Follow us on Twitter!

@placeWithEase



Location

Swaroop nagar Kanpur-208014

Submit your query

Name

Email address

Message

Submit



THINK BEYOND THE DEGREE!

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6. Appendices

Appendix A: Glossary

- **Authentication-** The process of identifying an individual, usually based on username and password.
- **Centralized Database-** A centralized database is basically a type of database that is stored, located as well as maintained at a single location only. This type of database is modified and managed from that location itself.
- **Client/Server-** Client-server denotes a relationship between cooperating programs in an application, composed of clients initiating requests for services and servers providing that function or service.
- **CSS-** CSS is the language we use to style an HTML document.
- **Database-** Database is a structured collection of records or data that is stored in a computer system. In our system, this may pertain to resources shared or user information.
- **HTML-** HTML is the standard markup language for Web pages.
- **https - Hypertext Transfer Protocol (HTTP)** is an application-layer protocol for transmitting hypermedia documents, such as HTML. It was designed for communication between web browsers and web servers, but it can also be used for other purposes
- **Operating System-**An operating system is a software programme required to manage and operate a computing device
- **Spam-** Unwanted content
- **SQL-SQL** (Structured Query Language) is a standardized programming language that's used to manage relational databases and perform various operations on the data in them.

7. References

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- https://www.academia.edu/23567842/Software_Requirements_Specification_for_Airline_Flight_Booking_System_Software_Requirements_Specification_for_Airline_flight_booking_system
- <https://my.eng.utah.edu/~richardp/sds.pdf>
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