



IT314

SOFTWARE ENGINEERING

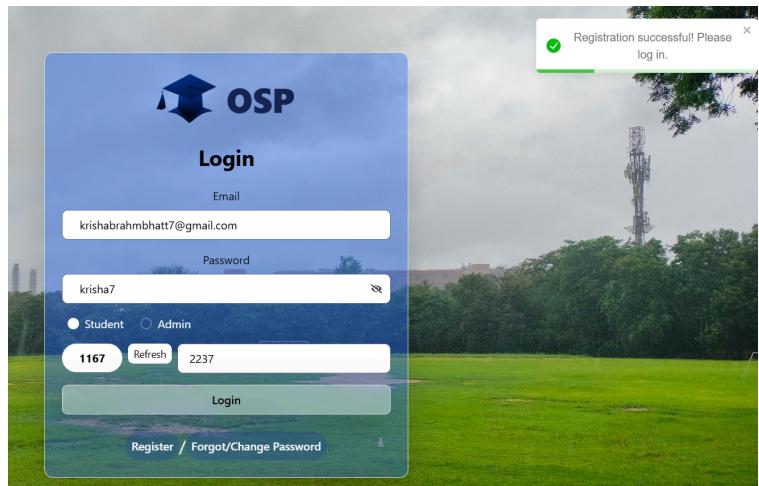
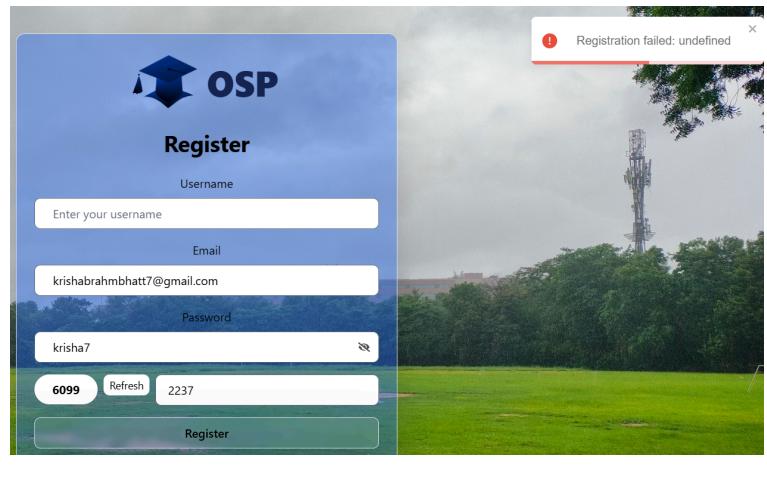
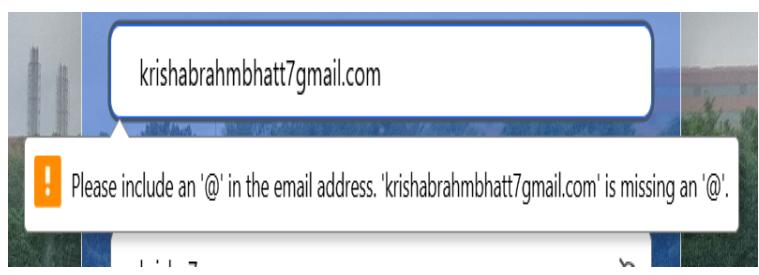
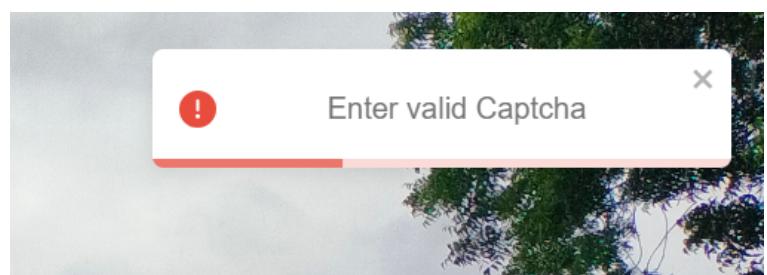
**GROUP 7
USER ACCEPTANCE TESTING (UAT)**

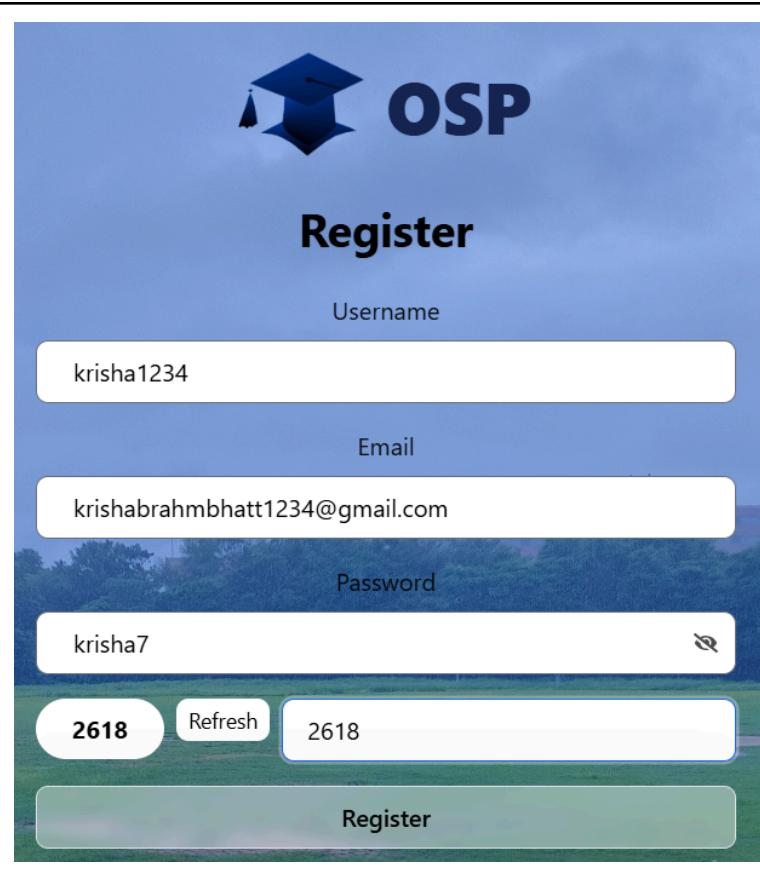
INSTRUCTOR: PROF. SAURABH TIWARI

Sprint 1: User Registration and Login

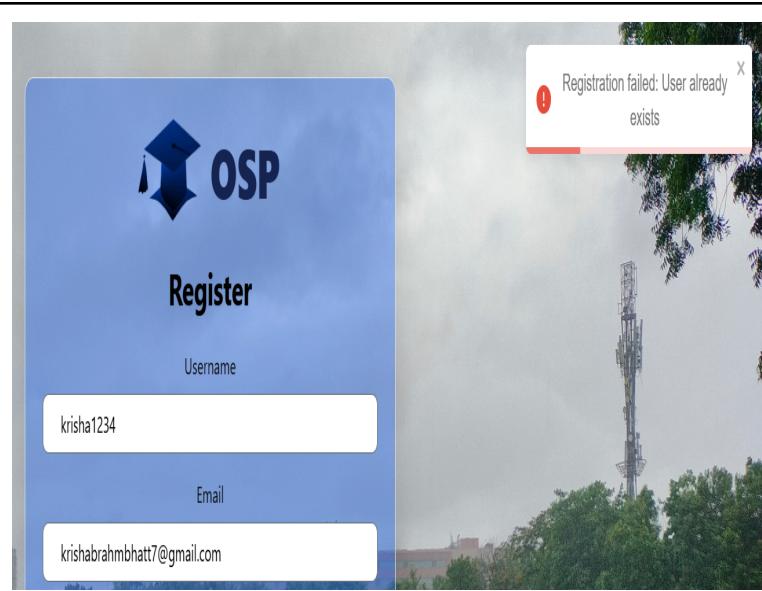
Feature 1: User Registration (Student)

Test Case Table for User Registration

TC-001 Register with valid details	TC-002 Register with missing username
	
TC-003 Register with invalid email format	TC-004 Register with incorrect OTP
	
TC-005 Register with a pre-filled email	TC-006 Register with an already used e-mail



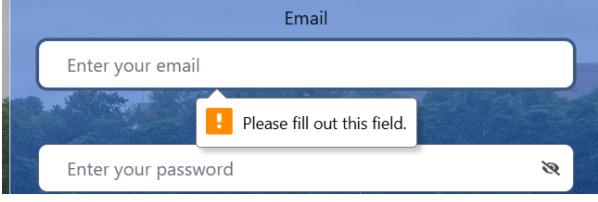
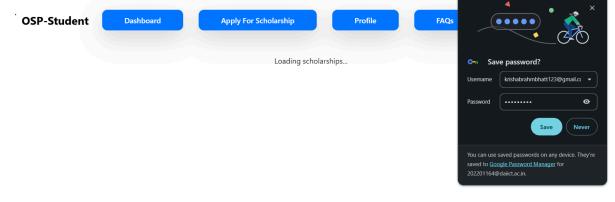
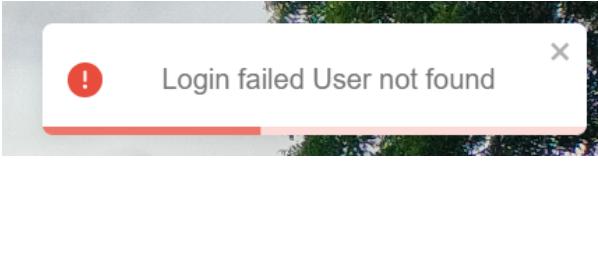
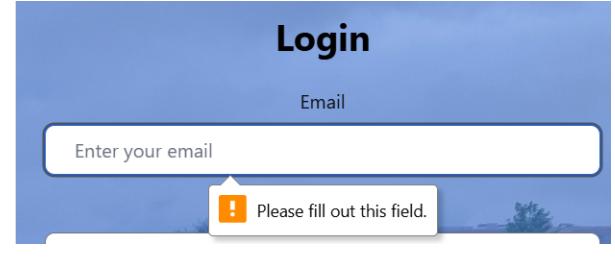
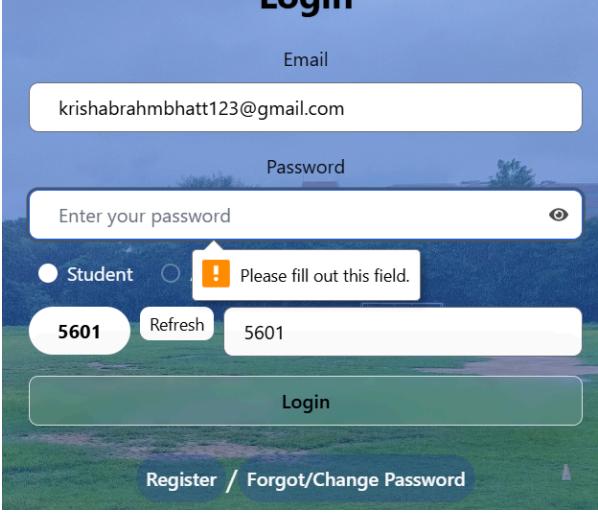
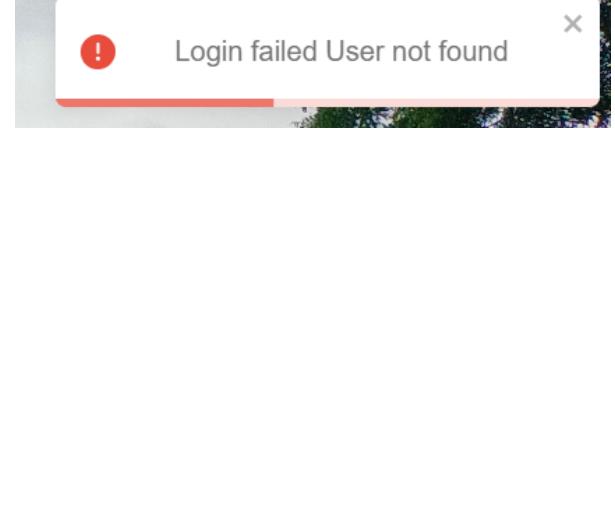
The screenshot shows the OSP registration page. At the top is the OSP logo (blue graduation cap icon and the letters 'OSP'). Below it is the word 'Register'. There are three input fields: 'Username' containing 'krisha1234', 'Email' containing 'krishabrahmbhatt1234@gmail.com', and 'Password' containing 'krisha7'. Below these is a row with two buttons: '2618' and 'Refresh', followed by a text input field containing '2618'. At the bottom is a large green 'Register' button.



Explanation: This section covers **student registration**, ensuring that the user can register successfully with valid inputs, handle errors when required fields are missing, and show appropriate error messages for invalid inputs (e.g., email format or OTP verification).

Feature 2: Student Login

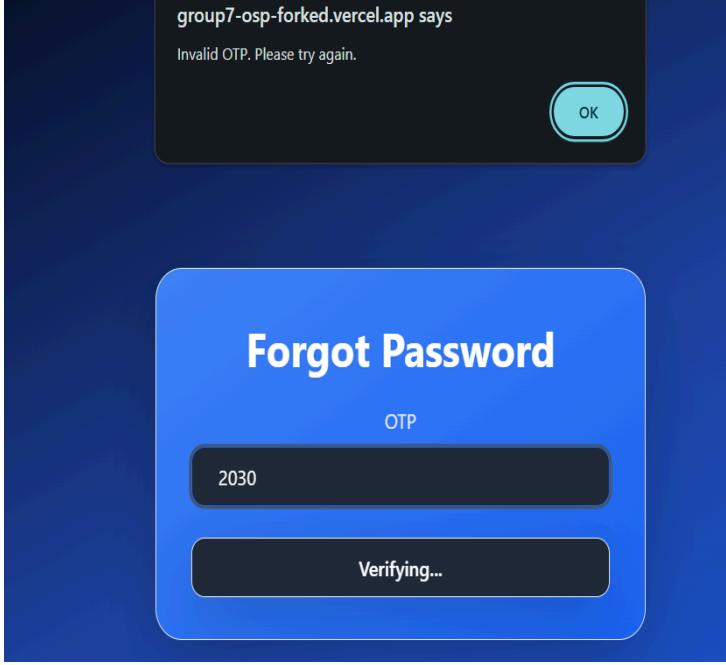
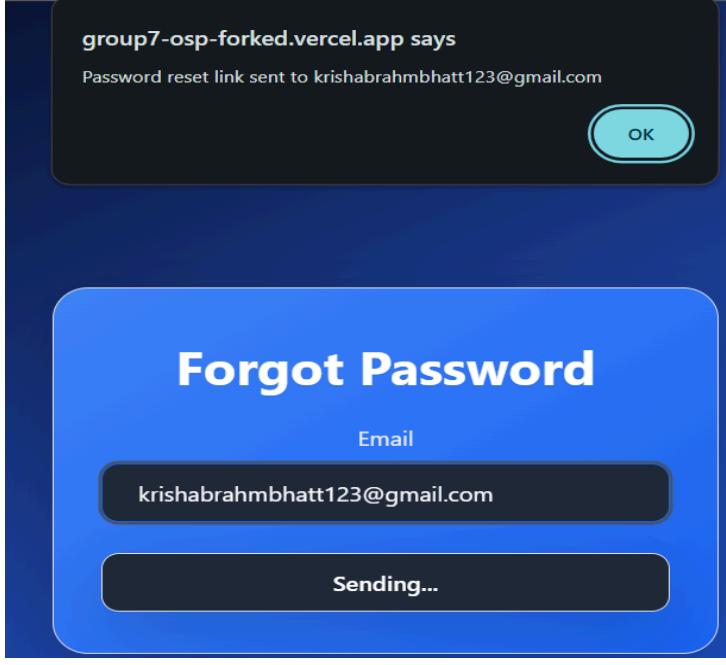
Test Case Table for Student Login

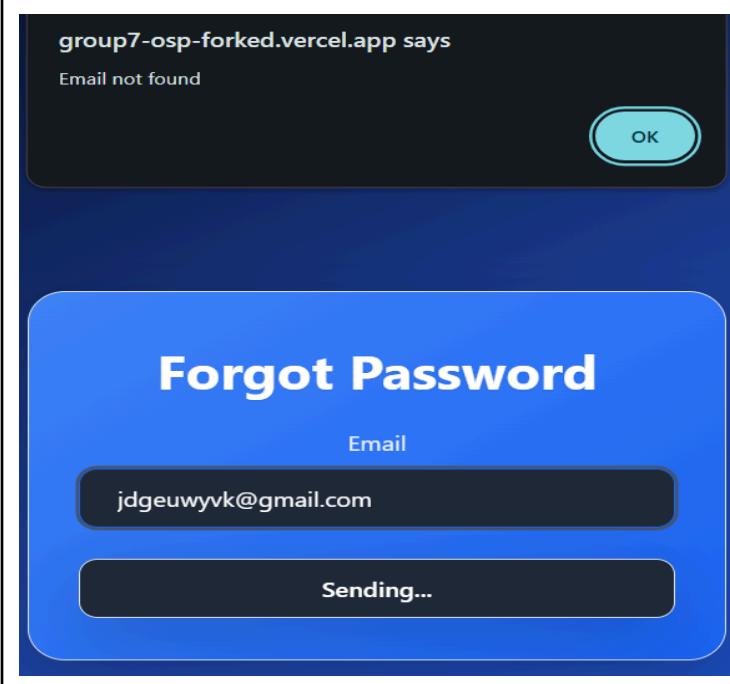
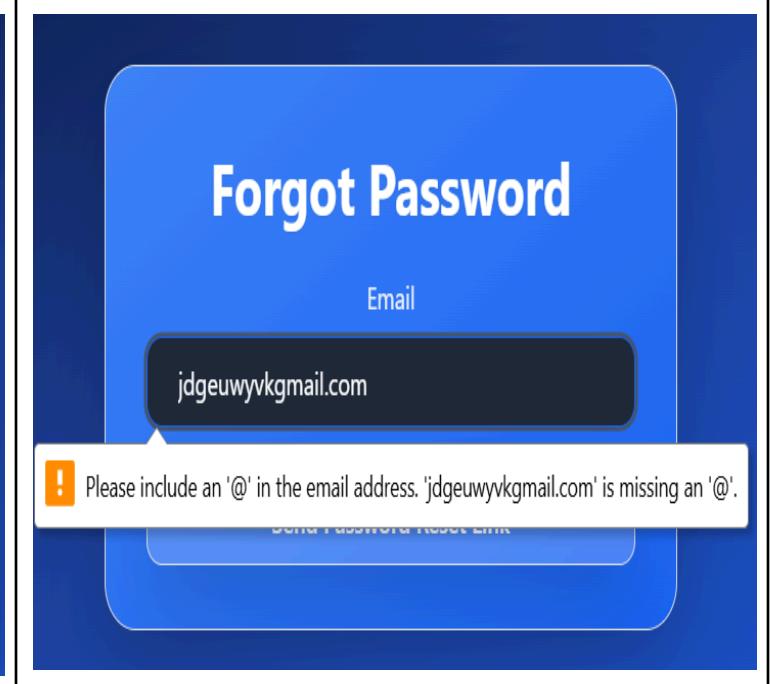
TC-007 Register with empty fields	TC-008 Login with correct credentials
	
TC-009 Login with incorrect credentials	TC-010 Login with missing email
	
TC-011 Login with missing password	TC-012 Login with random email
	

Explanation: This feature tests **student login**, verifying the login process with correct and incorrect credentials, and handling of missing input fields such as email or password.

Feature 3: Forgot password and reset password

TC-013	TC-014
---------------	---------------

INPUT: Invalid OTP after getting password reset link	INPUT: Valid Email (brahmbhattkrisha123@gmail.com)
	
OUTCOME: “Invalid OTP” message pops up	OUTCOME: Password Reset Link sent
INPUT: Email that doesn’t exist	INPUT: Email with an ‘@’ in it

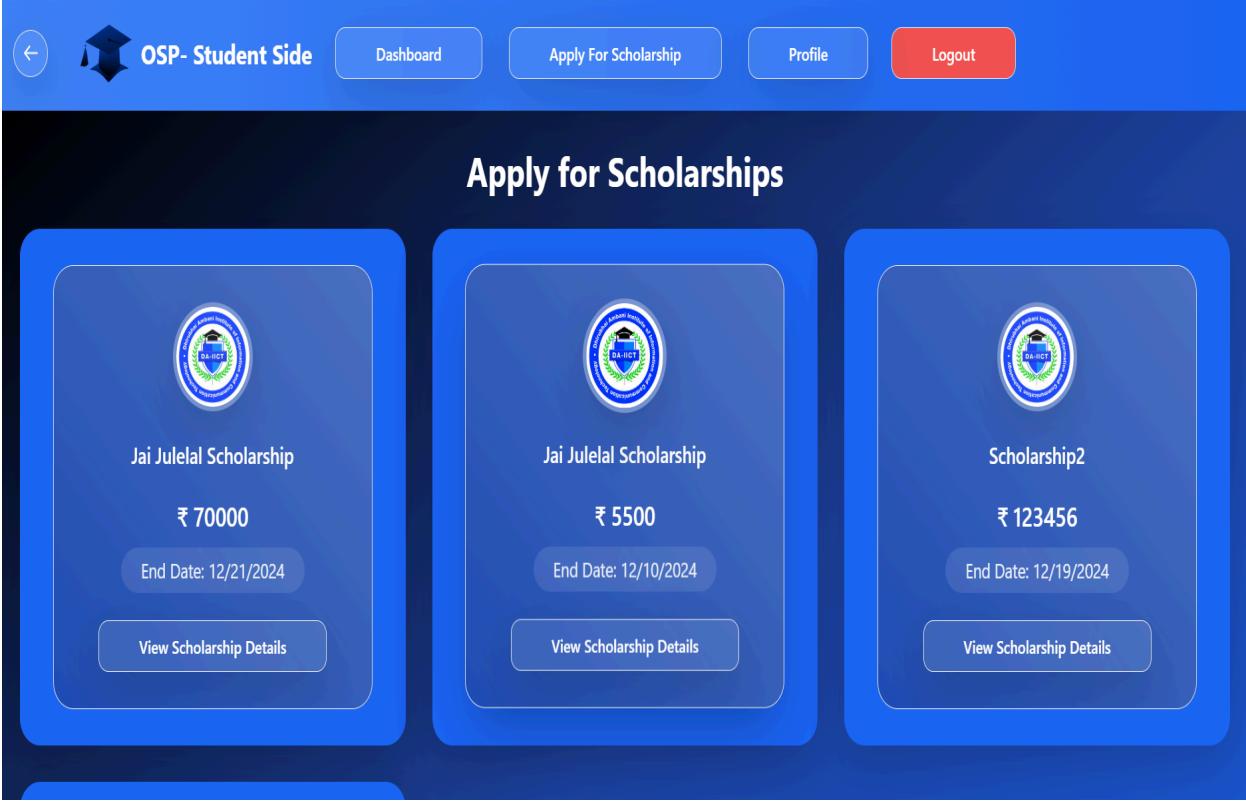
 <p>group7-osp-forked.vercel.app says</p> <p>Email not found</p> <p>OK</p>	 <h2>Forgot Password</h2> <p>Email</p> <p>jdgeuwyvk@gmail.com</p> <p>! Please include an '@' in the email address. 'jdgeuwyvk@gmail.com' is missing an '@'.</p> <p>Sending...</p>
<p>OUTCOME: “E-mail not found” message pops up</p>	<p>OUTCOME: “Please include an ‘@’ in the email address” message pops up.</p>

Test Case Table for Forgot and Reset Password

Sprint 2: Scholarship Application and Profile Management

Feature 3: View and Apply for Scholarships

Test Case Table for Scholarships

TC-011 Logged-in as a student, navigated to the scholarship section	OUTCOME: List of available scholarships displayed
	
TC - 012 Fill out scholarship application with valid details	OUTCOME: Application submitted successfully, confirmation message displayed
TC-013 Apply for a scholarship already submitted	OUTCOME "You have already applied for this scholarship" message displayed

The screenshot shows a web application interface. At the top, there is a dark blue header bar with the text "group7-osp-forked.vercel.app says" and "You have already applied for this scholarship". Below this is a modal dialog with a black background and rounded corners. It contains the text "It is a l" on the left and "ed by the" on the right, with an "OK" button in the bottom right corner. The main content area below the modal has a blue background. It contains several paragraphs of placeholder text (Lorem Ipsum) and some descriptive text about the origin and availability of the text. There is also a section with a list of items and a "Start with" instruction. A green "Apply" button is located at the bottom of the main content area.

imply dum

group7-osp-forked.vercel.app says

You have already applied for this scholarship

It is a l

ed by the

OK

Where does it come from?
Contrary to popular belief, Lorem Ipsum is not simply random text. It

The standard chunk of Lorem Ipsum used since the 1500s is reproduced b

Where can I get some?
There are many variations of passages of Lorem Ipsum available, but th

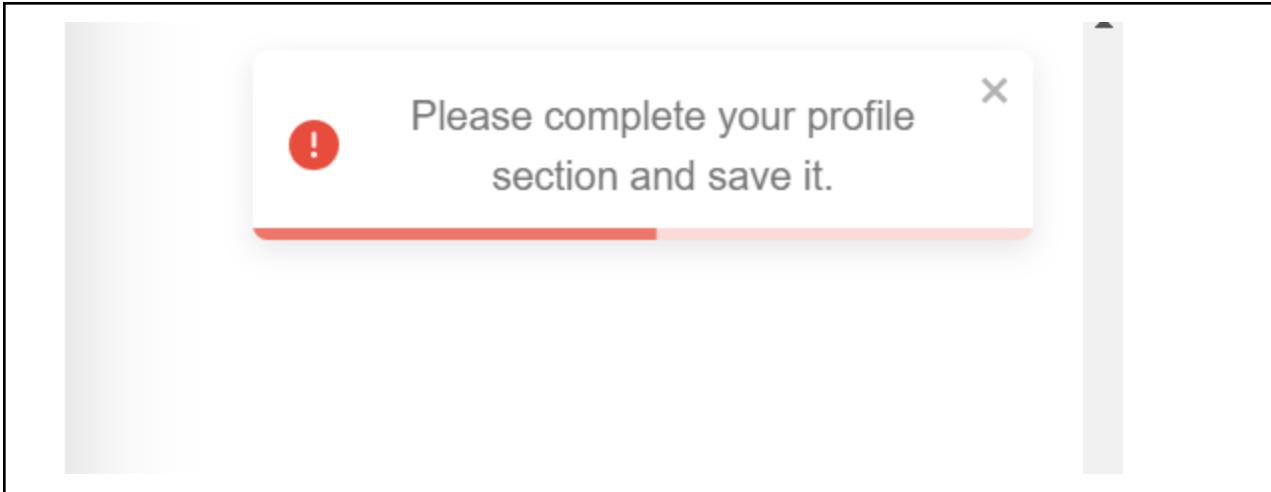
5
paragraphs
words
bytes
lists
Start with 'Lorem
ipsum dolor sit amet...'

◀ ▶

Apply

TC-014
Apply for scholarship with incomplete profile

OUTCOME:
"Please complete your profile section and save it" message displayed on the screen



Test Execution

1. Student Profile Management

Objective:

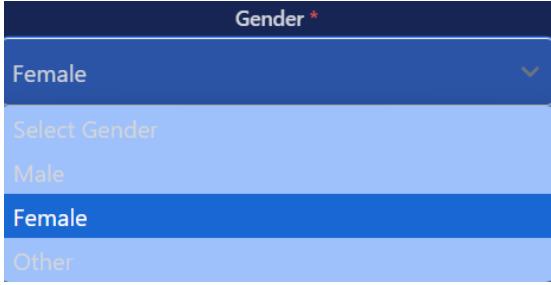
To verify that the student profile management system accepts valid inputs and displays appropriate error messages for invalid inputs.

Tests and Steps:

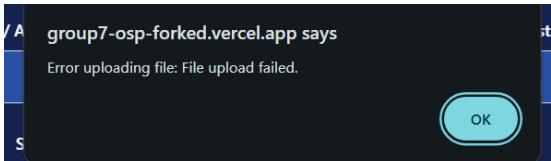
- **First Name, Middle Name, and Last Name Fields:**
 1. Enter valid names: Ensure the fields accept names like "Krisha," "Vidhan."
 2. Leave fields blank: Verify the error message "This field is required."
- **Date Of Birth**

Valid DOB Selected	
Outcome: Accepts the input	

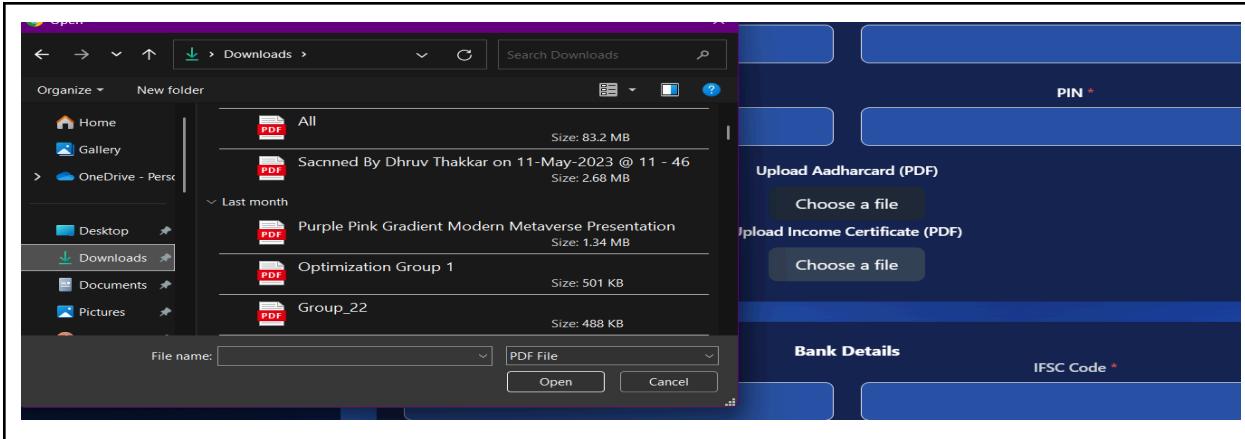
- **Gender Field**

Valid Gender Field Selected from drop down menu	
Outcome: Accepts the input	

- **Documents Upload:**

Upload a file exceeding size limit (10MB)	
Outcome: File is not accepted and error message is displayed	
Upload a valid PDF	
Outcome: File accepted successfully	

Try to upload a Non-PDF file	Outcome: Outcome: Does not allow to upload any file accept PDF format
-------------------------------------	--



- Course Level Field

Valid Course Level Selected from drop down menu	<p>The screenshot shows a dropdown menu titled 'Course Level *'. The options listed are 'PG', 'Select Course Level', 'UG', 'PG', 'PhD', and 'Diploma'. The option 'PG' is highlighted in blue, indicating it is the selected value.</p>
Outcome: Accepts the input	

- Course-Name Field

Valid Course-Name Selected from drop down menu	<p>The screenshot shows a dropdown menu titled 'Select Course Name'. The options listed are 'ICT', 'ICT', 'ICT with CS', 'MNC', 'EVD', 'MSC IT', 'Msc Data Science', 'Mtech', 'MSC in Agriculture', and 'PhD'. The option 'ICT' is highlighted in blue, indicating it is the selected value.</p>
Outcome: Accepts the input	

- Fees Field (Tuition-Fees, Non-Tuition Fees and Total Fees)

Verify Auto-Calculation of Total Fees	Outcome: Total = 111000 displayed
--	--

Tuition Fees: 86000 Non-Tuition Fees: 25000	automatically
<div style="background-color: #1a237e; color: white; padding: 10px;"> <div style="display: flex; justify-content: space-between;"> Tuition Fees * Non-Tuition Fees </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="text" value="86000"/> <input type="text" value="25000"/> </div> <div style="display: flex; justify-content: center; margin-top: 10px;"> Total Current Fees * </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="text" value="111000"/> </div> </div>	

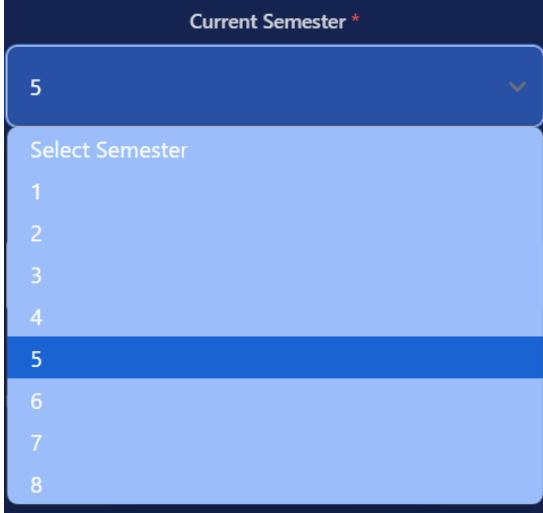
- Marks Field (Total Marks obtained, Out of marks and Percentage)

Verify Auto-Calculation of Percentage Total Marks Obtained = 95 Out Of Total Marks = 100	Outcome: Percentage = 95 displayed automatically
<div style="background-color: #1a237e; color: white; padding: 10px;"> <div style="display: flex; justify-content: space-between;"> Total Marks Obtained * Out of Total Marks * </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="text" value="95"/> <input type="text" value="100"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> Percentage Upload Class 10 Mark Sheet (PDF) </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="text" value="95.00"/> Choose a file </div> </div>	

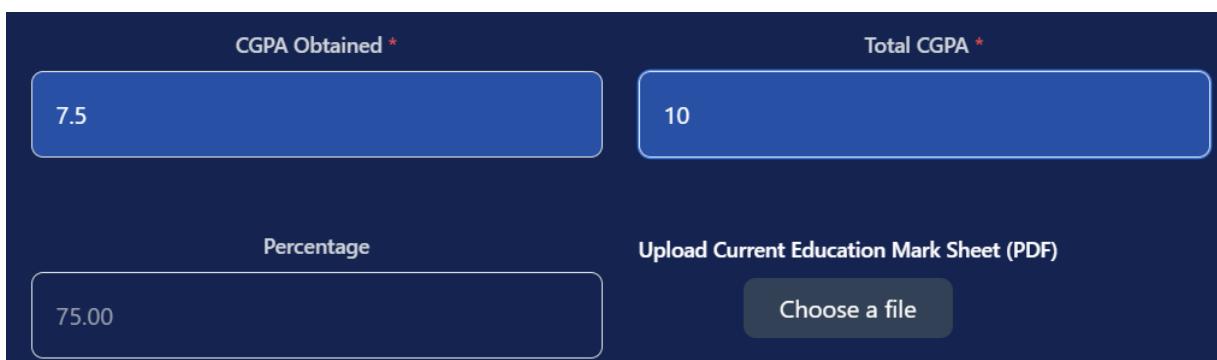
- Current Education Field

Valid Current Education Batch Selected from drop down menu	Outcome: Accepts the input
<div style="background-color: #1a237e; color: white; padding: 10px;"> <div style="display: flex; justify-content: space-between;"> Current Education Batch * </div> <div style="display: flex; align-items: center;"> <input style="width: 150px; height: 30px; border: none; border-bottom: 1px solid black; font-size: 10px; margin-right: 10px;" type="text" value="2022"/> ▼ </div> <div style="background-color: #1a237e; color: white; padding: 5px; margin-top: 10px;"> Select Batch </div> <div style="background-color: #1a237e; color: white; padding: 5px; margin-top: 5px;"> 2020 </div> <div style="background-color: #1a237e; color: white; padding: 5px; margin-top: 5px;"> 2021 </div> <div style="background-color: #1a237e; color: white; padding: 5px; margin-top: 5px;"> 2022 </div> <div style="background-color: #1a237e; color: white; padding: 5px; margin-top: 5px;"> 2023 </div> <div style="background-color: #1a237e; color: white; padding: 5px; margin-top: 5px;"> 2024 </div> <div style="background-color: #1a237e; color: white; padding: 5px; margin-top: 5px;"> 2025 </div> <div style="background-color: #1a237e; color: white; padding: 5px; margin-top: 5px;"> 2026 </div> </div>	

- Current Semester Field

<p>Valid Current Semester Selected from drop down menu</p> <p>Outcome: Accepts the input</p>	
--	--

- CGPA Field (Total Marks obtained, Out of marks and Percentage)

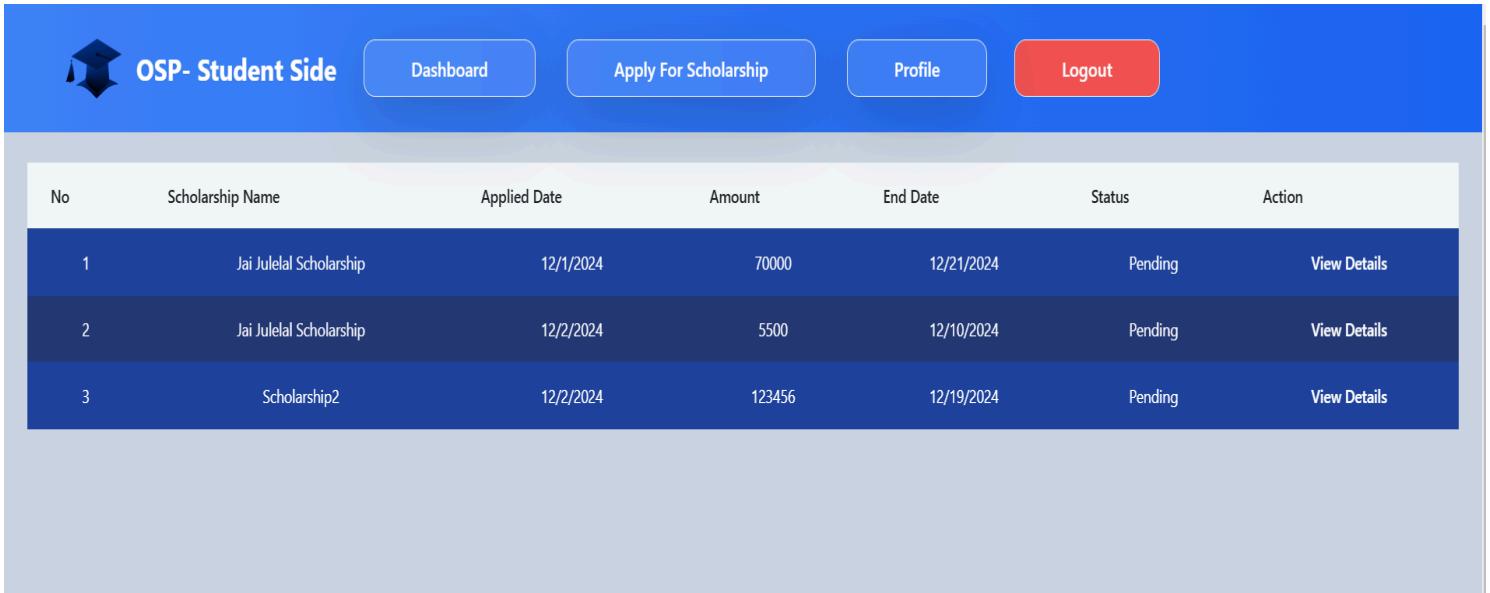
<p>Verify Auto-Calculation of Percentage</p> <p>Total Marks Obtained = 7.5</p> <p>Out Of Total Marks = 10</p>	<p>Outcome: Percentage = 75 displayed automatically</p> 
--	---

- Category, Mobile Number, Parent Details:

1. Provide valid inputs (e.g., "General" for category, "9876543210" for mobile): Verify acceptance.
2. Enter invalid data (e.g., special characters in the parent's name, letters in the mobile number): Check for appropriate error messages.

STUDENT DASHBOARD

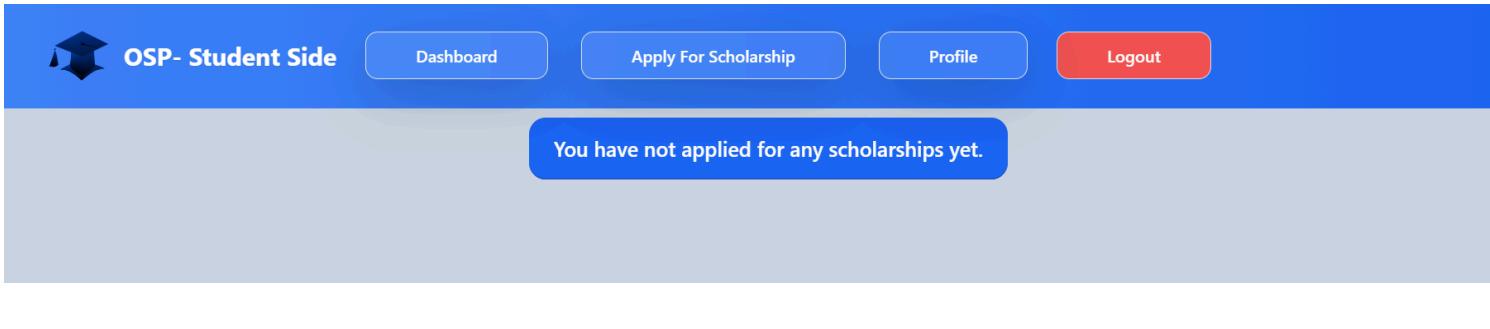
Looking for Scholarships Applied	Outcome: All scholarships for which student has applied is shown on the dashboard
---	--



The screenshot shows the OSP- Student Side dashboard. At the top, there is a navigation bar with a graduation cap icon, the text "OSP- Student Side", and four buttons: "Dashboard", "Apply For Scholarship", "Profile", and "Logout". Below the navigation bar is a table displaying three scholarship applications:

No	Scholarship Name	Applied Date	Amount	End Date	Status	Action
1	Jai Julelal Scholarship	12/1/2024	70000	12/21/2024	Pending	View Details
2	Jai Julelal Scholarship	12/2/2024	5500	12/10/2024	Pending	View Details
3	Scholarship2	12/2/2024	123456	12/19/2024	Pending	View Details

Looking for Scholarships Applied (Haven't applied for any)	Outcome: "You have not applied for any scholarship yet" message is displayed in the student dashboard screen.
---	--



The screenshot shows the OSP- Student Side dashboard. At the top, there is a navigation bar with a graduation cap icon, the text "OSP- Student Side", and four buttons: "Dashboard", "Apply For Scholarship", "Profile", and "Logout". Below the navigation bar is a blue callout box containing the text "You have not applied for any scholarships yet."

User Acceptance Testing (UAT) Document

Feature: Add Scholarship

The following document provides a descriptive UAT for the Add Scholarship functionality. It ensures the scholarship creation feature is intuitive, robust, and meets all business requirements.

Test Areas and Scenarios

1. Scholarship Name

Objective:

Validate that the scholarship name field accepts valid inputs and provides error messages for invalid or missing inputs.

Steps:

1. Enter a valid scholarship name (e.g., "National Merit").
 - Expected Result: Input is accepted successfully.
 2. Leave the field blank.
 - Expected Result: Error message: "*Please fill out this field.*"
 3. Enter special characters (e.g., "!@#\$%^&*").
 - Expected Result: Error message: "*Invalid input.*"
 4. Enter a name with 255 characters.
 - Expected Result: Accepted if within the limit, otherwise show error: "*Too long.*"
-

2. Amount

Objective:

Ensure the amount field only accepts valid numeric inputs.

Steps:

1. Enter a valid amount (e.g., "5000").
 - Expected Result: Input is accepted successfully.
 2. Enter a negative amount (e.g., "-5000").
 - Expected Result: Error message: "*Amount cannot be negative.*"
 3. Enter non-numeric characters (e.g., "Five thousand").
 - Expected Result: Error message: "*Invalid input. Please enter a number.*"
 4. Leave the field blank.
 - Expected Result: Error message: "*Please fill out this field.*"
-

3. End Date

Objective:

Verify that the end date field enforces valid date formats and ensures no past dates are entered.

Steps:

1. Enter a valid date in **dd-mm-yyyy** format (e.g., "01-12-2024").
 - Expected Result: Input is accepted successfully.
2. Enter an invalid date format (e.g., "12/01/2024").
 - Expected Result: Error message: "*Please enter a valid date in dd-mm-yyyy.*"
3. Enter a past date (e.g., "01-12-2020").
 - Expected Result: Error message: "*End date cannot be in the past.*"
4. Leave the field blank.
 - Expected Result: Error message: "*Please fill out this field.*"

4. Description

Objective:

Ensure the description field accepts valid inputs, including optional data.

Steps:

- 1. Enter a valid description (e.g., "This scholarship supports tuition fees.").**
 - **Expected Result: Input is accepted successfully.**
 - 2. Leave the field blank.**
 - **Expected Result: No error (field is optional).**
 - 3. Enter special characters (e.g., "!@#\$%^&*").**
 - **Expected Result: Accepted as valid input.**
-

5. Education Level

Objective:

Validate that the education level dropdown enforces selection of a valid option.

Steps:

- 1. Select a valid option (e.g., "Undergraduate").**
 - **Expected Result: Selection is accepted successfully.**
 - 2. Leave the field unselected.**
 - **Expected Result: Error message: "*Please select an education level.*"**
-

6. Select Eligible Courses

Objective:

Ensure that a valid course is selected for scholarship eligibility.

Steps:

1. Select a valid course (e.g., "B.Sc. Computer Science").
 - Expected Result: Selection is accepted successfully.
 2. Leave the field unselected.
 - Expected Result: Error message: "*Please select an eligible course.*"
-

7. Minimum Percentage (CPI)

Objective:

Validate that the minimum percentage (CPI) field enforces valid numeric ranges.

Steps:

1. Enter a valid percentage (e.g., "75").
 - Expected Result: Input is accepted successfully.
2. Enter a negative percentage (e.g., "-10").
 - Expected Result: Error message: "*Percentage cannot be negative.*"
3. Enter a percentage above 100 (e.g., "120").
 - Expected Result: Error message: "*Percentage cannot exceed 100.*"
4. Enter non-numeric characters (e.g., "eighty").
 - Expected Result: Error message: "*Invalid input. Please enter a number.*"

8. Annual Family Income

Objective:

Verify that the annual family income field enforces numeric data.

Steps:

1. Enter a valid income (e.g., "300000").
 - Expected Result: Input is accepted successfully.
 2. Enter a negative income (e.g., "-50000").
 - Expected Result: Error message: "*Income cannot be negative.*"
 3. Enter non-numeric characters (e.g., "Three Lakhs").
 - Expected Result: Error message: "*Invalid input. Please enter a number.*"
 4. Leave the field blank.
 - Expected Result: Error message: "*Please fill out this field.*"
-

9. Benefits

Objective:

Ensure the benefits field accepts valid input and handles optional data.

Steps:

1. Enter a valid description (e.g., "Covers tuition fees.").
 - Expected Result: Input is accepted successfully.
2. Leave the field blank.
 - Expected Result: No error (field is optional).
3. Enter special characters (e.g., "!@#\$%^&*").
 - Expected Result: Accepted as valid input.

10. Notes

Objective:

Validate that the notes field handles long and optional text correctly.

Steps:

1. Enter a valid note (e.g., "This is a valid note.").
 - Expected Result: Input is accepted successfully.
 2. Leave the field blank.
 - Expected Result: No error (field is optional).
 3. Enter long text (e.g., 500 characters).
 - Expected Result: Accepted if within the limit, otherwise error:
"Input exceeds maximum allowed length."
 4. Enter only spaces (e.g., " ").
 - Expected Result: Error message: *"Input cannot be empty or only spaces."*
-

Acceptance Criteria

For successful UAT:

1. All required fields must validate properly, showing appropriate error messages for invalid inputs.
2. Optional fields must accept data without errors.
3. Users must be able to add a scholarship successfully with valid data.
4. The application must handle edge cases gracefully (e.g., long inputs, invalid formats).

ADMIN DASHBOARD

Feature - 1 List Of Scholarships

List of the scholarships for which students has applied

Outcome: All scholarships with number of students has applied is shown on the dashboard

List of Scholarships

No	Scholarship ID	Scholarship Name	Number of Applicants	View Applicants
1	2	Jai Julelal Scholarship	7	View Applicants
2	16	Scholarship2	4	View Applicants
3	1	Jai Julelal Scholarship	4	View Applicants
4	17	Test4 Scholarship	2	View Applicants
5	18	Scholarship	0	View Applicants

Feature - 2 View Details

List of the students applied for particular scholarships.

Outcome: dashboard appears with student name and the other details



OSP- Admin Side

Add Scholarship

[View Applicants](#)

[Logout](#)

List of Applicants

No	Student ID	Student Name	Applied Date	End Date	Status	Details
1	1	Vraj K Dobariya	12/1/2024	12/10/2024	Accepted	View Details
2	6	akshat joshi vipulbhai	12/1/2024	12/10/2024	Accepted	View Details
3	11	qwef freewf efewewfw	12/2/2024	12/10/2024	Pending	View Details
4	16	Om D Patel	12/2/2024	12/10/2024	Documents Verified	View Details
5	17	test test test	12/2/2024	12/10/2024	Under Review	View Details
6	19	Jemish Kanubhai Dobariya	12/2/2024	12/10/2024	Under Review	View Details
7	8	Krishna Pankajkumar Brahmbhatt	12/2/2024	12/10/2024	Pending	View Details

List of the students applied for scholarship (No student applied for that scholarship)

Outcome : dashboard with message “No applicants found” is displayed.

List of Applicants

No	Student ID	Student Name	Applied Date	End Date	Status	Details
----	------------	--------------	--------------	----------	--------	---------

No applicants found

Feature - 3 View Details (2)

Details of the student applied for specific Scholarship

Outcome: Shows all the details that student has filled up.

Applicant Details

ID	1
Name	Vraj K Dobariya
DOB	9/5/2004
Gender	male
Category	General
Email	dobariyavraj11@gmail.co
Mobile	9909377967
Parent Name	Kanubhai Dobariya
Occupation	Diamond Broker
Income	150000
Parent Mobile	
Current Semester	
Year of Admission	
Street Address	Surat
Pin Code	396004
District	Surat
Department	UG
Tuition Fees	86000
Non-Tuition Fees	25000
Status	Accepted

Accepted

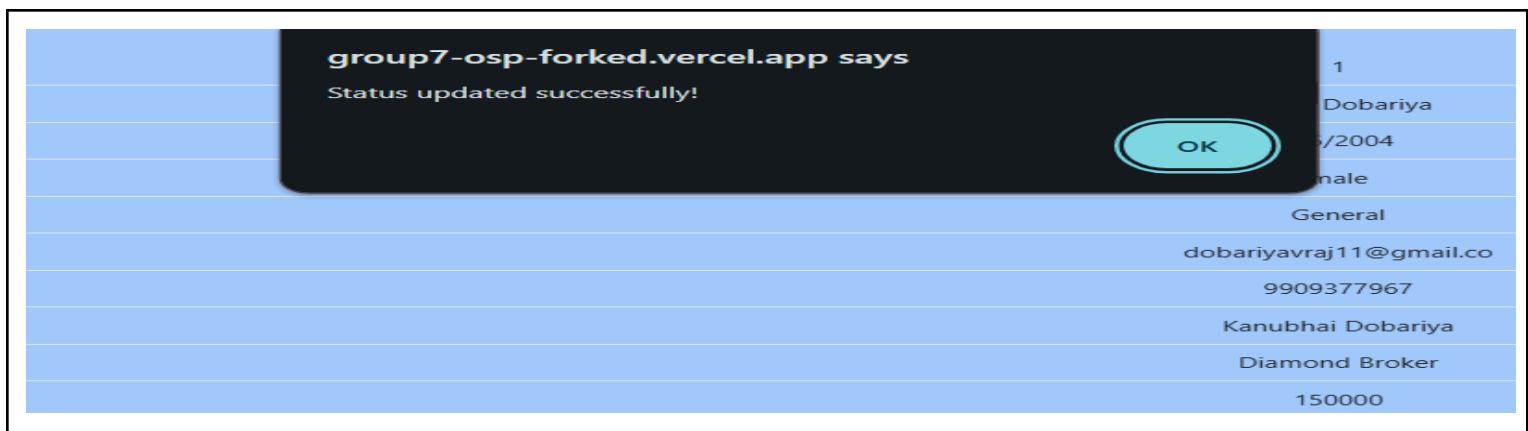
Accepted

Save

Feature - 4 Change status

Status of the scholarship changed

Outcome: "Status updated successfully" pop up message appears.



Feature - 5 Edit Scholarship

-

<p>Admin can edit scholarship details</p> <p>Outcome: Admin is able to change all the fields</p>	<p>Edit Scholarship</p> <p>Scholarship Name: Scholarship2</p> <p>Amount: 123456</p> <p>End Date: 19-12-2024</p> <p>Description: 345lkjh</p> <p>Eligibility Criteria</p> <p>Education Level: M.Sc</p> <p>Select Eligible Courses: Select a course (M.Sc IT)</p> <p>Minimum Percentage (CPI): 2</p> <p>Annual Family Income: 3455</p> <p>Benefits: 2345</p>
--	---

- Feature - 6 View Details for Scholarship

View Details

Outcome: Admin is able to see the details of the scholarship

Scholarship2

Amount: ₹ 123456

End Date: 12/19/2024

Description: 3451kjh

Eligibility Criteria

Eligible Courses: M.Sc IT

Minimum Percentage (CPI): 2

Annual Family Income: (less than) ₹ 3455

Benefits: 2345

Note: 2345

Edit Delete

FAQ section

OSP-Student

Dashboard Apply For Scholarship Profile FAQs Logout

FAQs

How do I apply for a scholarship? +

What documents are required for the scholarship application? -

The document required are mentioned in view scholarship details section.

When will I know if I've been awarded a scholarship? +

Can I apply for multiple scholarships? +