



IT314

SOFTWARE ENGINEERING

Group 16

Online Examination System

GUI Testing

Prof. Saurabh Tiwari

Group Members:

| No | Student Id | Name |
|----|------------|------------------|
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List of Webpages to Test in the Project :

1. Home Page
2. Admin - login
3. Create examiner accounts
4. Create student accounts
5. Admin - Reset password
6. Examiner - Log in
7. Examiner - Reset Password
8. Examiner - Create exams
9. Examiner - Add new questions to the question bank
10. Student - Log in
11. Student - Update Profile
12. Examiner - Update Profile
13. Student - Practice questions from the question bank
14. Student - View Result/Performance
15. Student - Receive Email
16. Examiner - Receive Email

→ Home Page:

Online Examination System

AboutContact UsLogin

Welcome to the Online Exams

Welcome to Online Examination System , a comprehensive online platform designed for creating, managing, and taking exams with ease. Perfect for educators, student and organization, our system offers a secure and intuitive environment for assessments of all kinds. With features like Secure Assessment , Real-Time Results, Multiple Question Types and User-Friendly Interface. we simplify the examination process while ensuring reliability and data privacy. Online Examination System empowers you to deliver efficient, fair and insightful testing experiences for both examiners and students. Start enhancing your assessment journey today!

Get Started

like Secure Assessment , Real-Time Results, Multiple Question Types and User-Friendly Interface. we simplify the examination process while ensuring reliability and data privacy. Online Examination System empowers you to deliver efficient, fair and insightful testing experiences for both examiners and students. Start enhancing your assessment journey today!

Get Started

Features

Exam Scheduling

Schedule exams in advance with automated reminders for students.

Real-Time Results

Get your scores as soon as your exam finishes.

Multiple Question Types

Supports multiple-choice, true/false, and more.

User-Friendly Interface

Easily navigate through your exams with our intuitive UI.

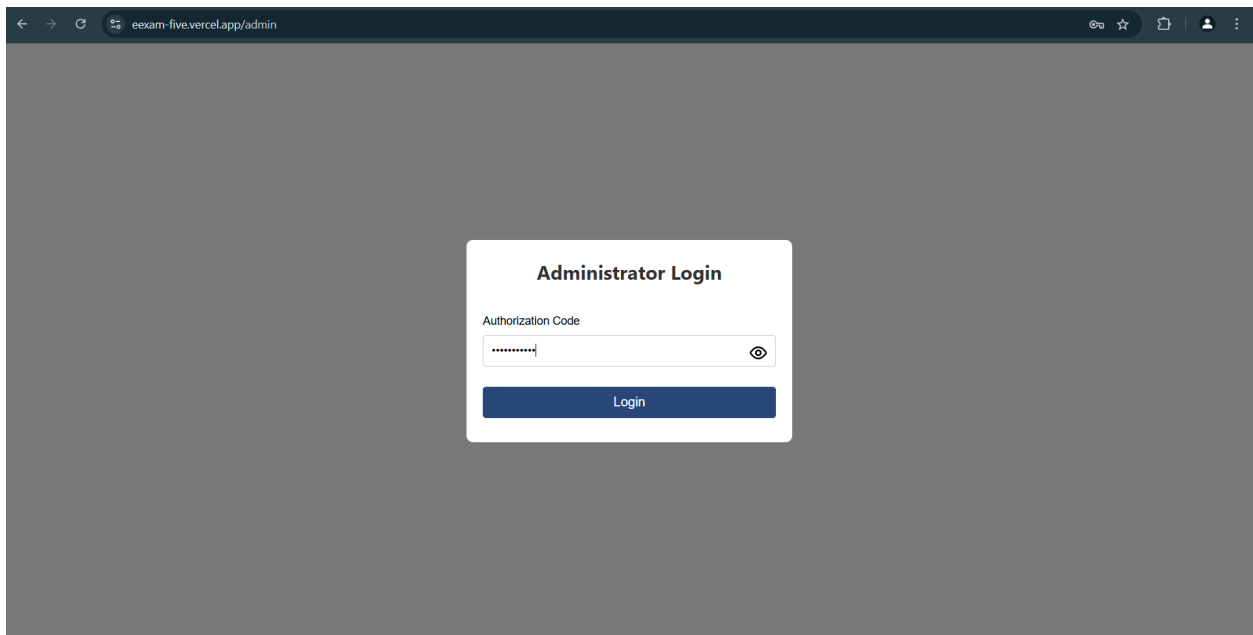
Contact Us

For any inquiries, please reach out to us at: admin@daict.ac.in

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→ Admin - login

Functionality: Admin login to the main account.



The screenshot shows a web browser window with the address bar displaying "eeexam-five.vercel.app/admin". The page has a dark gray background. In the center, there is a white rectangular box titled "Administrator Login". Inside this box, the text "Authorization Code" is positioned above a text input field. The input field contains seven asterisks "*****" and a small eye icon to its right. Below the input field is a dark blue button with the word "Login" in white text.

Selenium IDE - E-Exam

Project: E-Exam

Executing: Admin login

https://eexam-five.vercel.app/

| Command | Target | Value |
|---------------------|-------------------------------------|------------|
| 1 ✓ open | https://eexam-five.vercel.app/admin | |
| 2 ✓ set window size | 1552x832 | |
| 3 ✓ click | id=password | |
| 4 ✓ type | id=password | adminadmin |
| 5 ✓ click | css= login-button | |

Command: open

Target: https://eexam-five.vercel.app/admin

Value:

Description:

Runs: 1 Failures: 0

Log Reference

Running 'Admin login'

- 1. open on https://eexam-five.vercel.app/admin OK 17:57:38
- 2. setWindowSize on 1552x832 OK 17:57:39
- 3. click on id=password OK 17:57:39
- 4. type on id=password with value adminadmin OK 17:57:39
- 5. click on css= login-button OK 17:57:39

'Admin login' completed successfully 17:57:39

76°F Smoke

ENG IN 18:04 30-11-2024

→ Create examiner accounts

Functionality: Admin creates an examiner account.

Welcome, Admin!

Create Examiner Profile

First Name:

Middle Name:

Email Address:

Date of Birth:

Username:

Last Name:

Mobile Number:

Gender: ☐ Male ☐ Female

Create Examiner Profile

Close

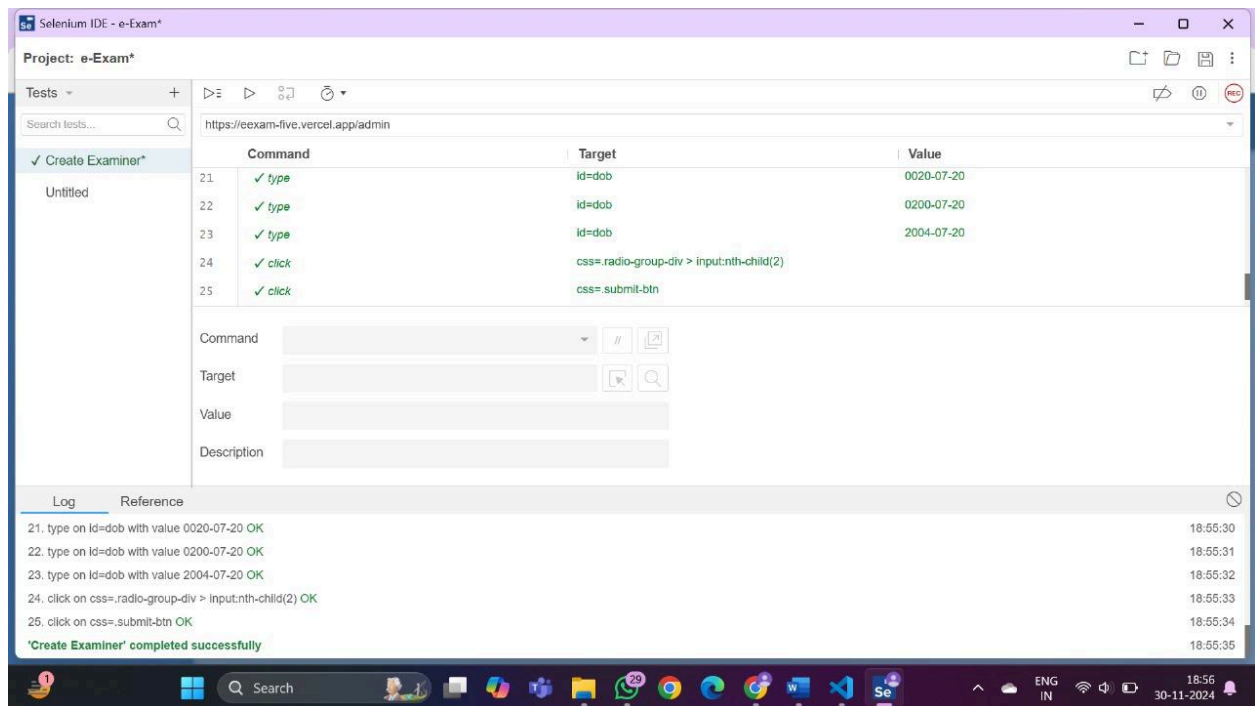
Student

Examiner

Exam

Reset Password

Log out



→ Create student accounts

Functionality: Admin creates a student account.

Student

Examiner

Exam

Reset Password

Log out

Welcome, Admin!

Create Student

First Name:

Last Name:

Middle Name:

Please fill out this field.

Date of Birth:

Email Address:

Contact Number:

Admission Year:

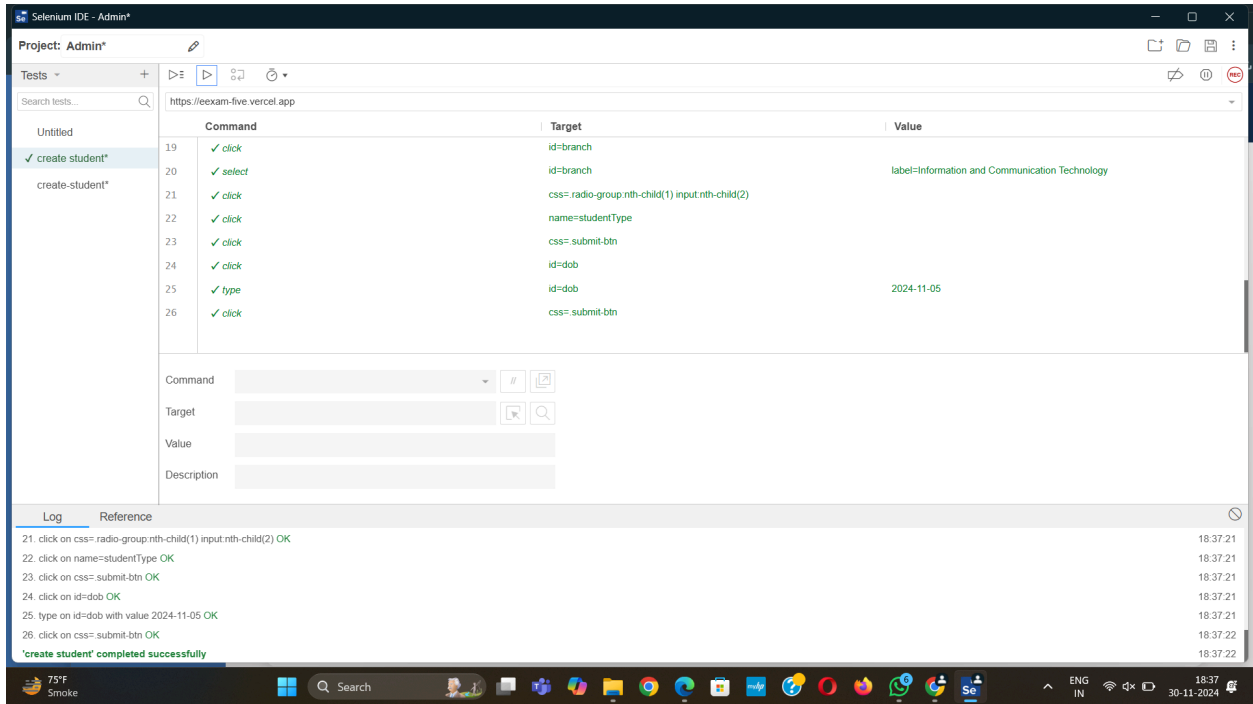
Branch:

Gender: ☐ Male ☐ Female

Graduation: ☐ UG ☐ PG

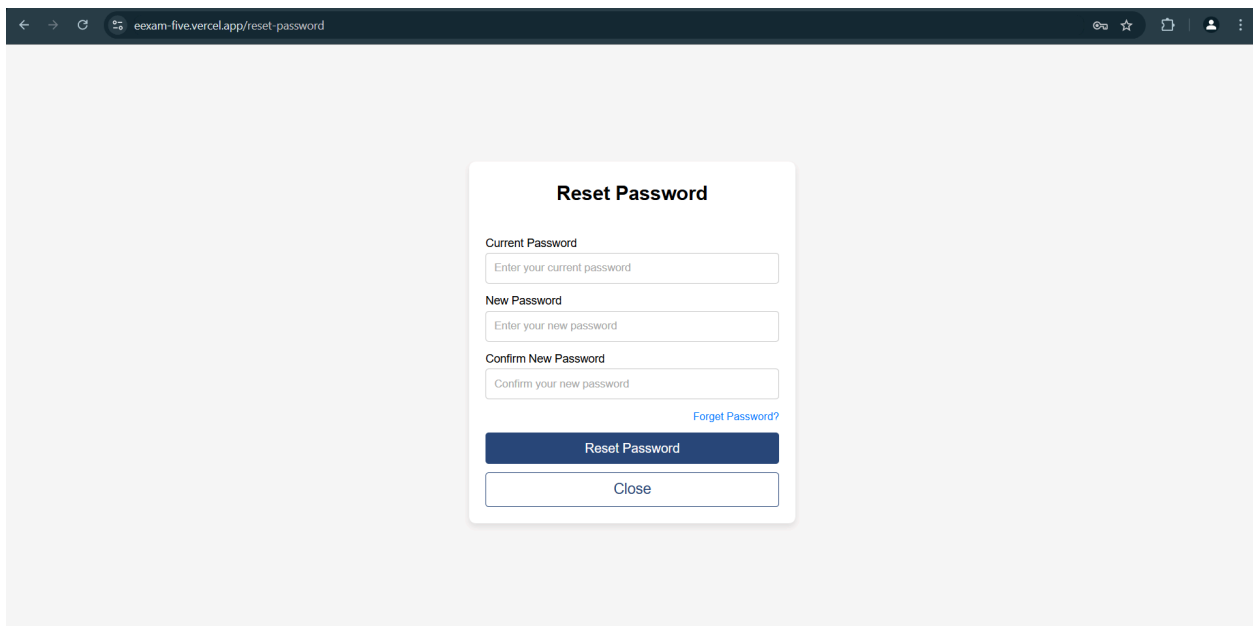
Create Student

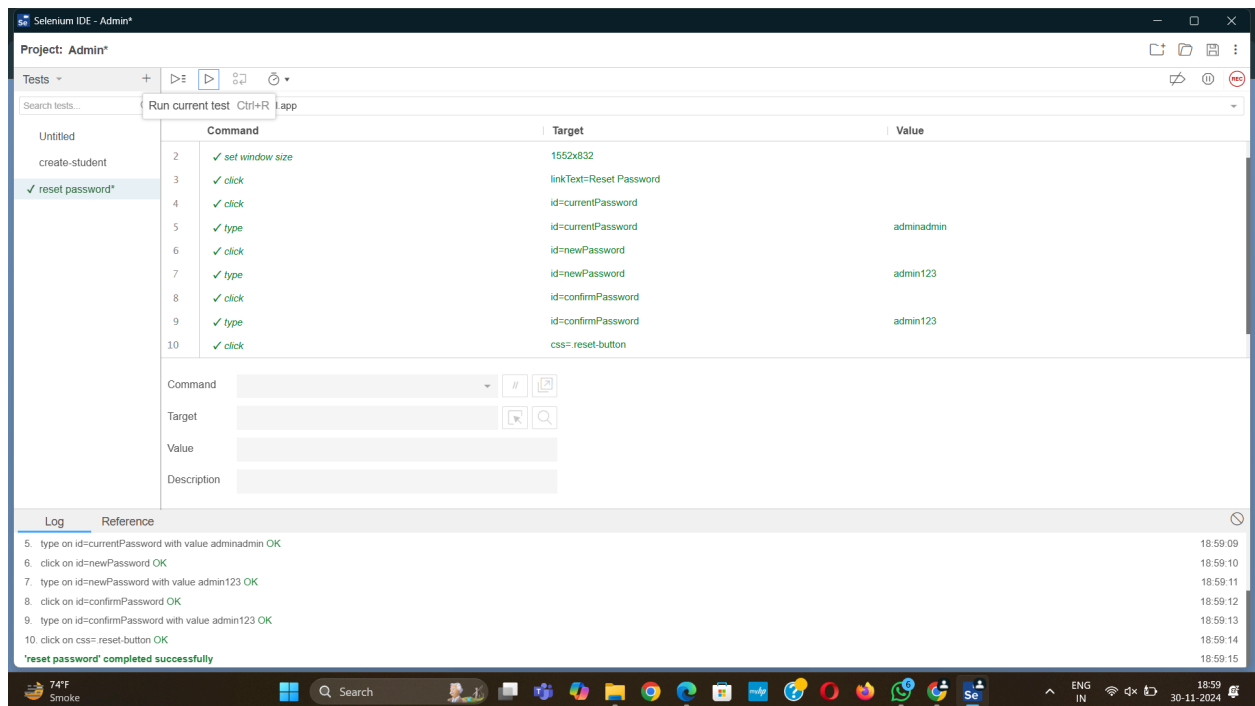
Close



→ Admin - Reset password

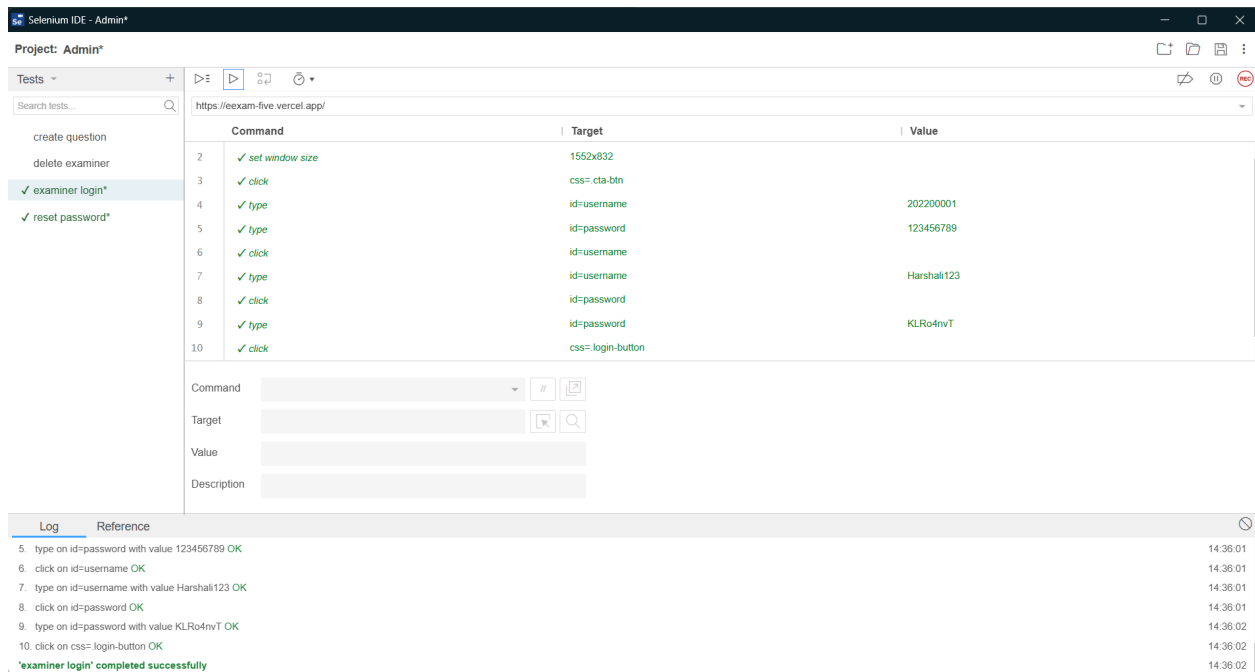
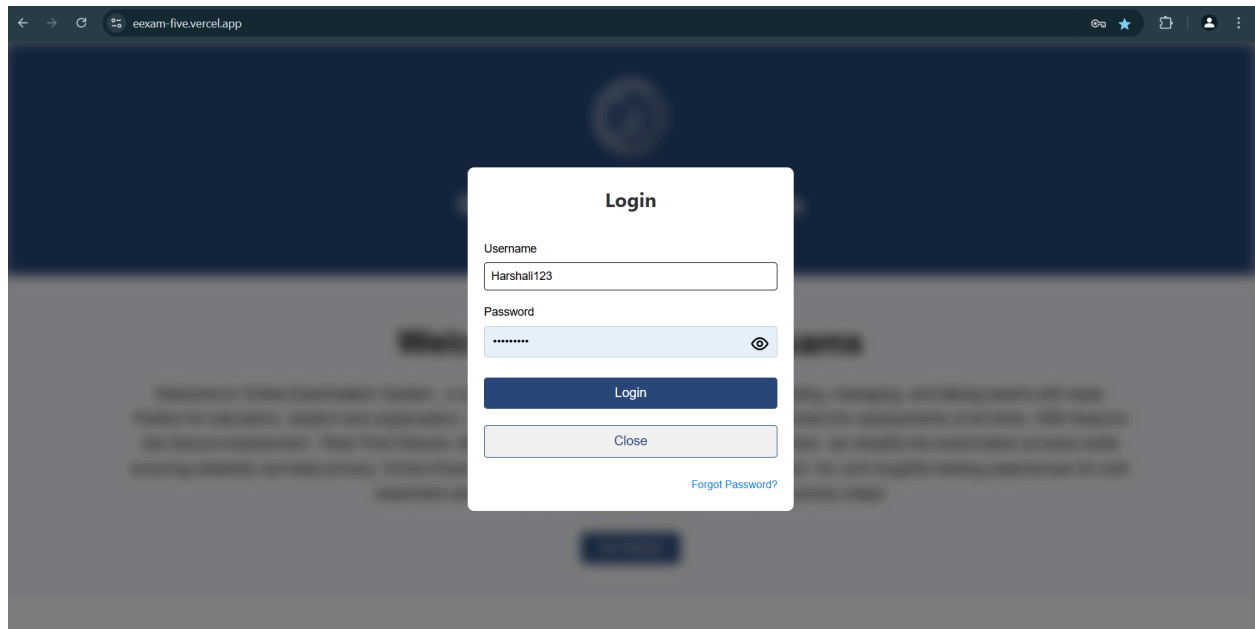
Functionality: Admin can reset password.





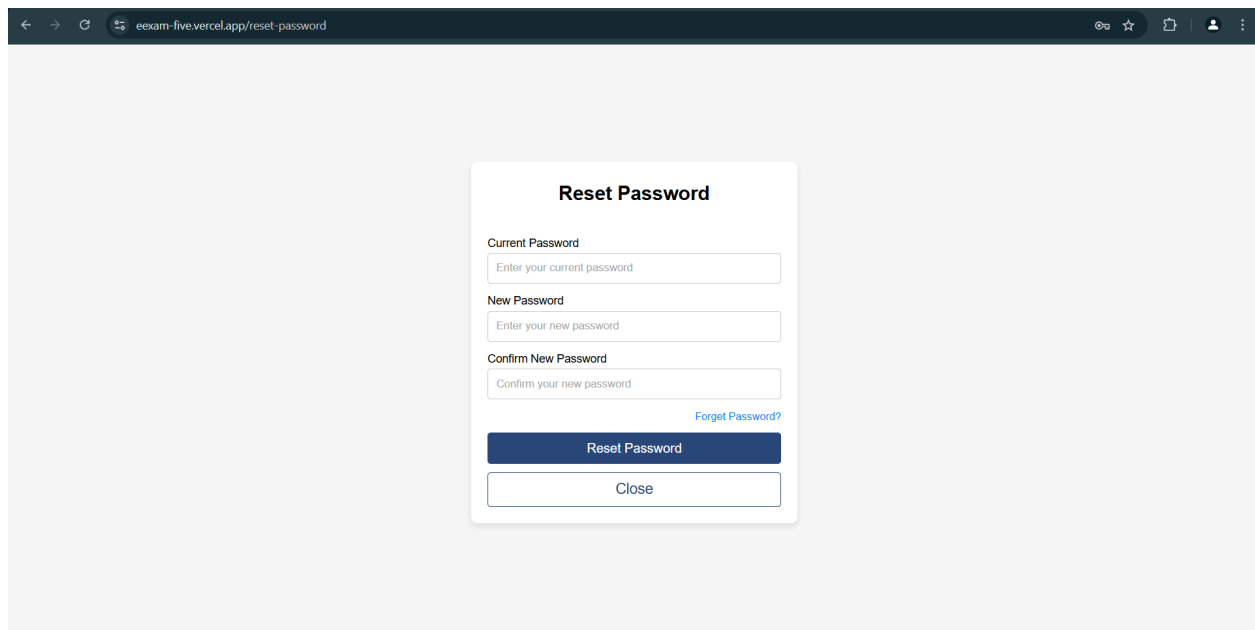
→ Examiner - Log in

Functionality: Examiner login to their account.



→ Examiner - Reset Password

Functionality: Examiner can reset their account password.




| | | | |
|---|-------------|--------------------|---------------|
| Project: Admin* | | | |
| Tests + | | | |
| Search tests... | | | |
| https://eexam-five.vercel.app/dashboard | | | |
| ✓ reset password* | Command | Target | Value |
| 9 | ✓ click | id=confirmPassword | |
| 10 | ✓ type | id=confirmPassword | gunjan@123 |
| 11 | ✓ send keys | id=confirmPassword | \$(KEY_ENTER) |
| 12 | ✓ click | id=currentPassword | |
| 13 | ✓ type | id=currentPassword | gunjan_123 |
| 14 | ✓ send keys | id=currentPassword | \$(KEY_ENTER) |
| 15 | ✓ type | id=currentPassword | gunjan_1234 |
| 16 | ✓ send keys | id=currentPassword | \$(KEY_ENTER) |
| Command <input type="text"/> # <input type="button" value="⌘"/> | | | |
| Target <input type="text"/> <input type="button" value="⌘"/> <input type="button" value="🔍"/> | | | |
| Value <input type="text"/> | | | |
| Description <input type="text"/> | | | |
| Log Reference | | | |
| 11. sendKeys on id=confirmPassword with value \$(KEY_ENTER) OK | | | 14:24:22 |
| 12. click on id=currentPassword OK | | | 14:24:22 |
| 13. type on id=currentPassword with value gunjan_123 OK | | | 14:24:23 |
| 14. sendKeys on id=currentPassword with value \$(KEY_ENTER) OK | | | 14:24:23 |
| 15. type on id=currentPassword with value gunjan_1234 OK | | | 14:24:23 |
| 16. sendKeys on id=currentPassword with value \$(KEY_ENTER) OK | | | 14:24:23 |
| *reset password* completed successfully | | | 14:24:24 |

➔ Examiner - Create exams

Functionality: Examiner can create exams.

exam-five.vercel.app/dashboard

Welcome, hg_123!



- Home
- Questions
- Upcoming Exam
- Past Exam
- Profile

Log out

Step 1: Basic Details

Exam Title

Insem 1

Batch (e.g., 2022)

Subject

Select Branch

Semester

Status: Pending

Enter an instruction

Add Instruction

Next

Exam Preview

View Instructions

Title:

Exam Type: Insem1

Subject:

Branch:

Semester:

Duration:

Date:

Status: Pending

Start Time:

Total Marks: 0

Batc:

Questions:

Clear Exam

Close

Selenium IDE - Admin*

Project: Admin*

Tests

Search tests...

https://exam-five.vercel.app/dashboard

| | Command | Target | Value |
|--------------------|---------------|--|-------|
| ✓ create exam* | | | |
| ✓ create question* | 59 ✓ click | name=correctOption | |
| delete examiner | 60 ✓ click | css= create-exam-btn1:nth-child(7) | |
| | 61 ✓ click | css= create-exam-btn1:nth-child(8) | |
| ✓ examiner login* | 62 // ✓ click | css= question-item:nth-child(3) > question-item-input | |
| ✓ reset password* | 63 ✓ click | css=button:nth-child(4) | |
| | 64 ✓ click | css= create-exam-btn1:nth-child(10) | |
| | 65 ✓ click | css= question-preview:nth-child(14).exam-preview-deletebtn | |
| | 66 ✓ click | css= create-exam-btn1:nth-child(10) | |
| | 67 ✓ click | css= create-exam-btn1:nth-child(10) | |

Command

Target

Value

Description

Log Reference

61. click on css= create-exam-btn1:nth-child(8) OK 16:04:39

63. click on css=button:nth-child(4) OK 16:04:40

64. click on css= create-exam-btn1:nth-child(10) OK 16:04:40


65. click on css= question-preview:nth-child(14).exam-preview-deletebtn OK 16:04:40

66. click on css= create-exam-btn1:nth-child(10) OK 16:04:40

67. click on css= create-exam-btn1:nth-child(10) OK 16:04:40

create exam completed successfully 16:04:41

- Examiner - Add new questions to the question bank
- Functionality:* Examiner creates questions and these questions will be added into the question bank.



Home

Questions

Upcoming Exam

Past Exam

Profile

Log out

Welcome, hg_123!

Online Examination System

Create a New Question

Select Subject:

Select subject

Enter question text

Select Points:

0

Select no of Options:

4

☐

Option 1

☐

Option 2

☐

Option 3

☐

Option 4

Select difficulty

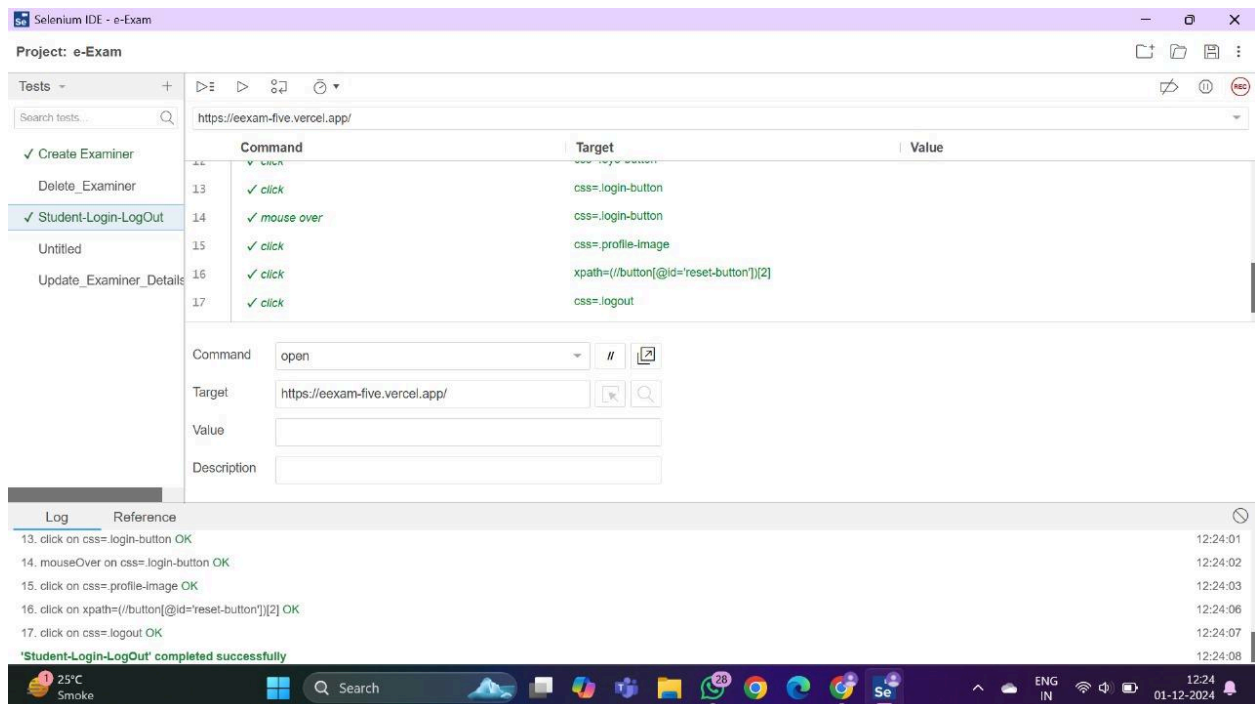
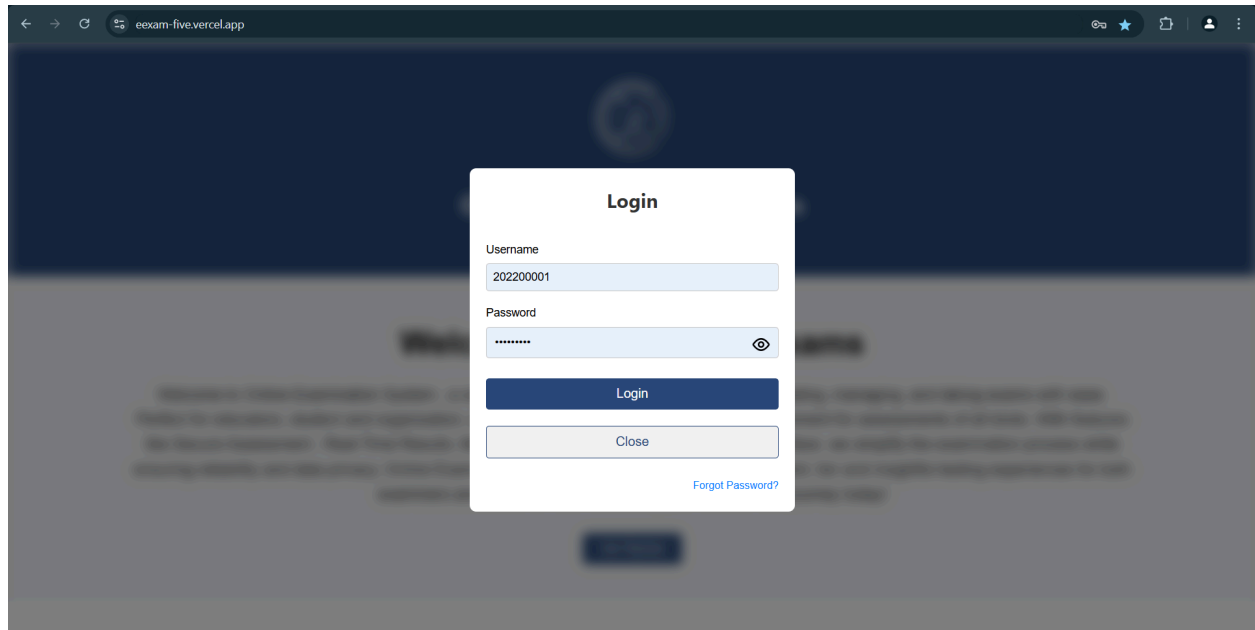
Add Question

Close

| Project: Admin* | | | |
|---|----|----------|---|
| Tests | | | |
| Search tests... | | | |
| ✓ create question* | 19 | ✓ type | css= option-input:nth-child(1) > .input-field 2 |
| delete examiner | 20 | ✓ click | css= option-input:nth-child(2) > .input-field |
| ✓ examiner login* | 21 | ✓ type | css= option-input:nth-child(2) > .input-field 34 |
| ✓ reset password* | 22 | ✓ click | css= option-input:nth-child(3) > .input-field |
| | 23 | ✓ type | css= option-input:nth-child(3) > .input-field 15 |
| | 24 | ✓ click | css= option-input:nth-child(3) > option-input-input |
| | 25 | ✓ click | css= input-field-select-field |
| | 26 | ✓ select | css= input-field-select-field label=Medium |
| | 27 | ✓ click | css= add-question-button |
| Command Target Value | | | |
| Command Target Value Description | | | |
| Log Reference | | | |
| 22. click on css= option-input:nth-child(3) > .input-field OK 14:39:14 | | | |
| 23. type on css= option-input:nth-child(3) > .input-field with value 15 OK 14:39:14 | | | |
| 24. click on css= option-input:nth-child(3) > option-input-input OK 14:39:14 | | | |
| 25. click on css= input-field-select-field OK 14:39:14 | | | |
| 26. select on css= input-field-select-field with value label=Medium OK 14:39:14 | | | |
| 27. click on css= add-question-button OK 14:39:15 | | | |
| ✓ 'create question' completed successfully 14:39:15 | | | |

→ Student - Log in

Functionality: Students can login to their account.




→ Student - Update Profile

Functionality: Students can update their profile.

← → ↺ eexam-five.vercel.app/dashboard

Welcome, 202200004!

Profile Settings



- Home
- Question Bank
- Exam
- Results
- Profile**

Log out

Student ID: 202200004

First Name: Harshali

Middle Name: Binal

Last Name: Dharmik

Email: 202201214@daict.ac.in


Mobile No: 7600051765

Date of Birth: 20-07-2004

Gender: Female

Batch: 2022

Branch: Information and Communication Technology



Harshali Dharmik
202201214@daict.ac.in

Reset Password

Selenium IDE - Admin*

Project: Admin*

Tests + [D] [P] [R] [C] [O] [I] [E] [N] [O] [R] [E] [S]

Search tests... Run current test Ctrl+R L app

| Untitled | Command | Target | Value |
|-------------------|---------|----------------|------------|
| ✓ create student* | ✓ type | name=dob | 0002-11-11 |
| ✓ update student* | ✓ type | name=dob | 0020-11-11 |
| | ✓ type | name=dob | 0200-11-11 |
| | ✓ type | name=dob | 2004-11-11 |
| | ✓ click | id=save-button | |
| | ✓ click | name=mobileno | |
| | ✓ type | name=mobileno | 8320283896 |
| | ✓ click | id=save-button | |

Command

Target

Value

Description

Log Reference

13. type on name=dob with value 0200-11-11 OK 18:40:52

14. type on name=dob with value 2004-11-11 OK 18:40:52

15. click on id=save-button OK 18:40:52

16. click on name=mobileno OK 18:40:52

17. type on name=mobileno with value 8320283896 OK 18:40:52

18. click on id=save-button OK 18:40:52


'update student' completed successfully 18:40:53

75°F Smoke

ENG IN 18:40 30-11-2024

→ Examiner - Update Profile

Functionality: Examiners update their profile.



[Home](#)

[Questions](#)

[Upcoming Exam](#)

[Past Exam](#)

[Profile](#)

[Log out](#)

Welcome, hg_123!

Profile Settings

Examiner Username

hg_123

First Name

Enter first number

Middle Name

Enter Middle Name

Last Name

Enter Last Name

Email

Enter email

Mobile No


Enter Mobile no

Date of Birth

dd-mm-yyyy

Gender

Select gender



Reset Password

Close

Selenium IDE - Admin*

Project: Admin*

Tests

+

>=

▶

🔍

🔄

Search tests...

Run current test Ctrl+R

Untitled

✓ create student*

✓ update student*

| | Command | Target | Value |
|----|---------|----------------|------------|
| 11 | ✓ type | name=dob | 0002-11-11 |
| 12 | ✓ type | name=dob | 0020-11-11 |
| 13 | ✓ type | name=dob | 0200-11-11 |
| 14 | ✓ type | name=dob | 2004-11-11 |
| 15 | ✓ click | id=save-button | |
| 16 | ✓ click | name=mobileno | |
| 17 | ✓ type | name=mobileno | 8320283896 |
| 18 | ✓ click | id=save-button | |

Command

Target

Value

Description

Log

Reference

13. type on name=dob with value 0200-11-11 OK

14. type on name=dob with value 2004-11-11 OK

15. click on id=save-button OK

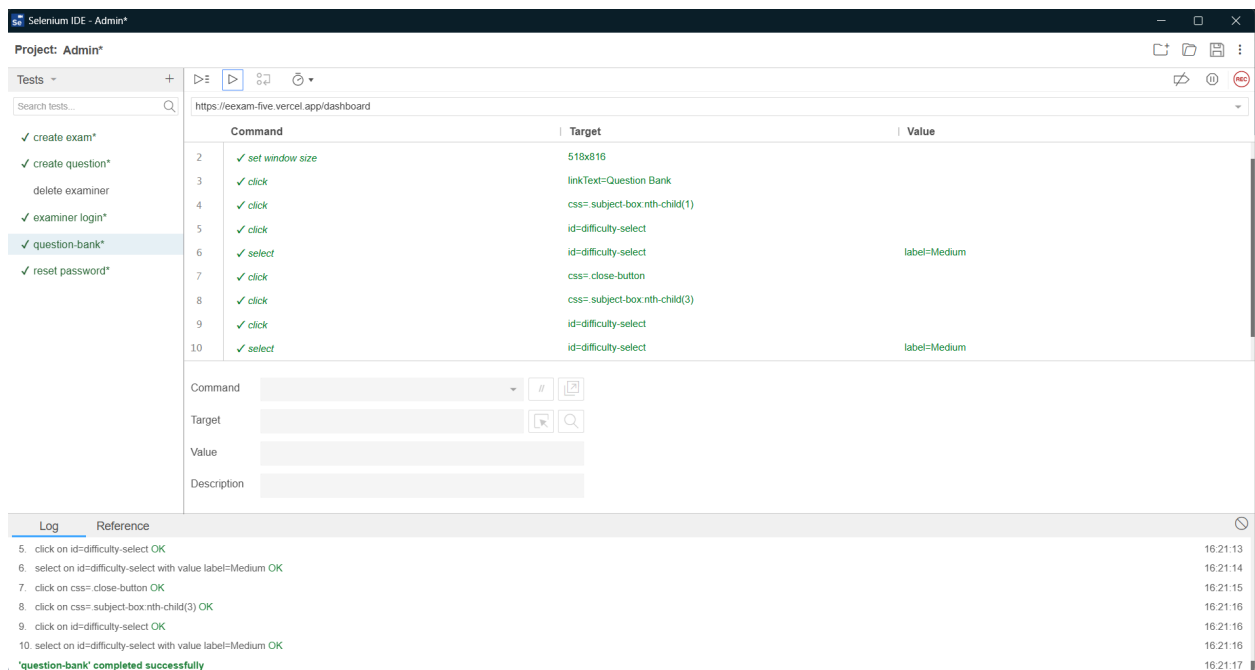
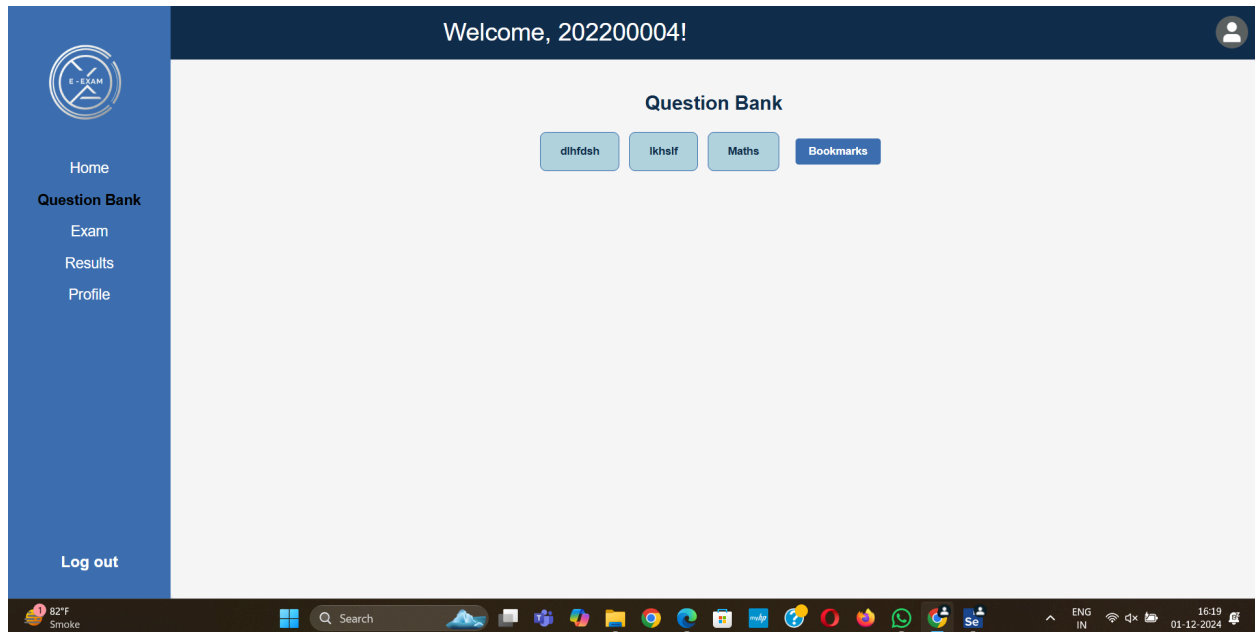
16. click on name=mobileno OK

17. type on name=mobileno with value 8320283896 OK

18. click on id=save-button OK

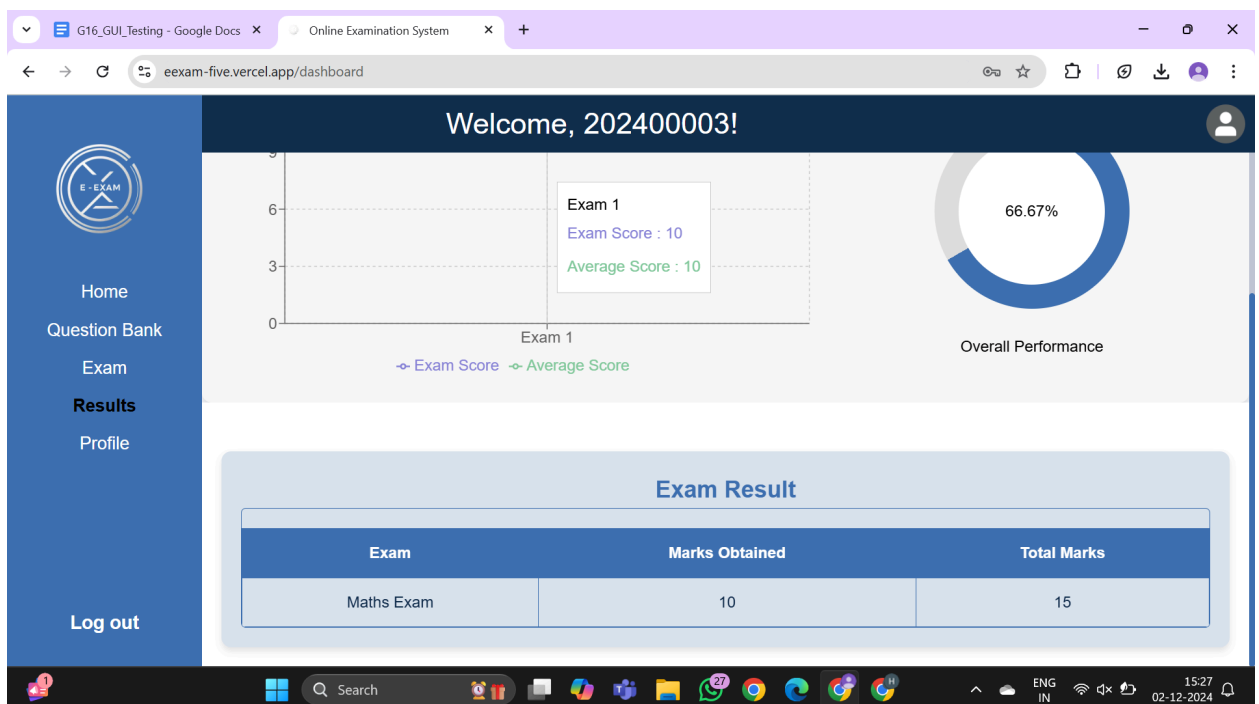
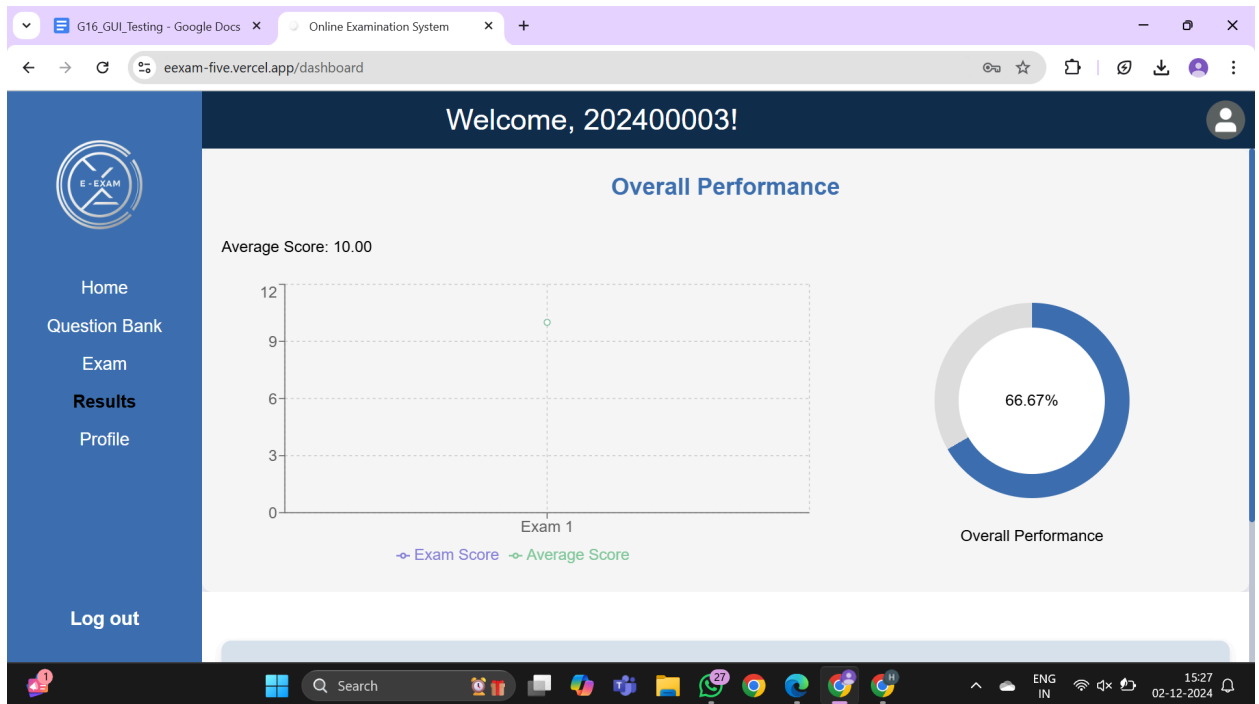
update student* completed successfully

- Student - Practice questions from the question bank
- Functionality:* Students can practice questions, bookmark questions, and filter questions from question bank.



→ Student - View Result/Performance


Functionality: When a student views the result, and clicks on the exam name in the exam result card, he/she will be redirected to attempted exam details.



Online Examination System

eexam-five.vercel.app/dashboard

Welcome, 202400003!



Home

Question Bank

Exam

Results

Profile

Log out

Subject: Maths

Student ID: 202400003

Obtained Marks: 10/15

Questions and Responses

Question 1: What is 3 + 5 ?

10

8 (✓ Student)

Question 2: what is 2 + 2 ?

5 (✓ Student)

4

Close

Selenium IDE - e-exam*

Project: e-exam*

Tests

Search tests...

Untitled

✓ View performance*

https://eexam-five.vercel.app/

| Command | Target | Value |
|-------------------|-----------------------------|-------|
| ✓ set window size | 1296x688 | |
| ✓ click | linkText=Results | |
| ✓ click | css=.student-dashboard-td | |
| ✓ run script | window.scrollTo(0,0) | |
| ✓ click | css=.create-examiner-button | |

Command

Target

Value

Description

Log

Reference

2. ✓ set window size OK 15:29:14

3. click on linkText=Results OK 15:29:14

4. Trying to find css=.student-dashboard-td... OK 15:29:15

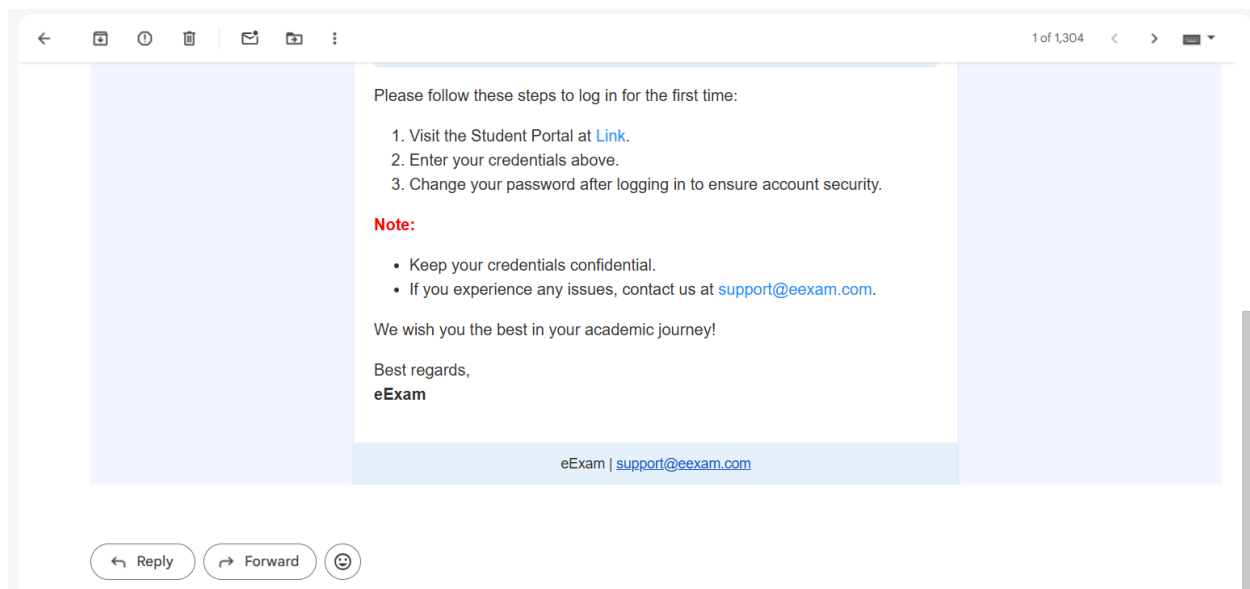
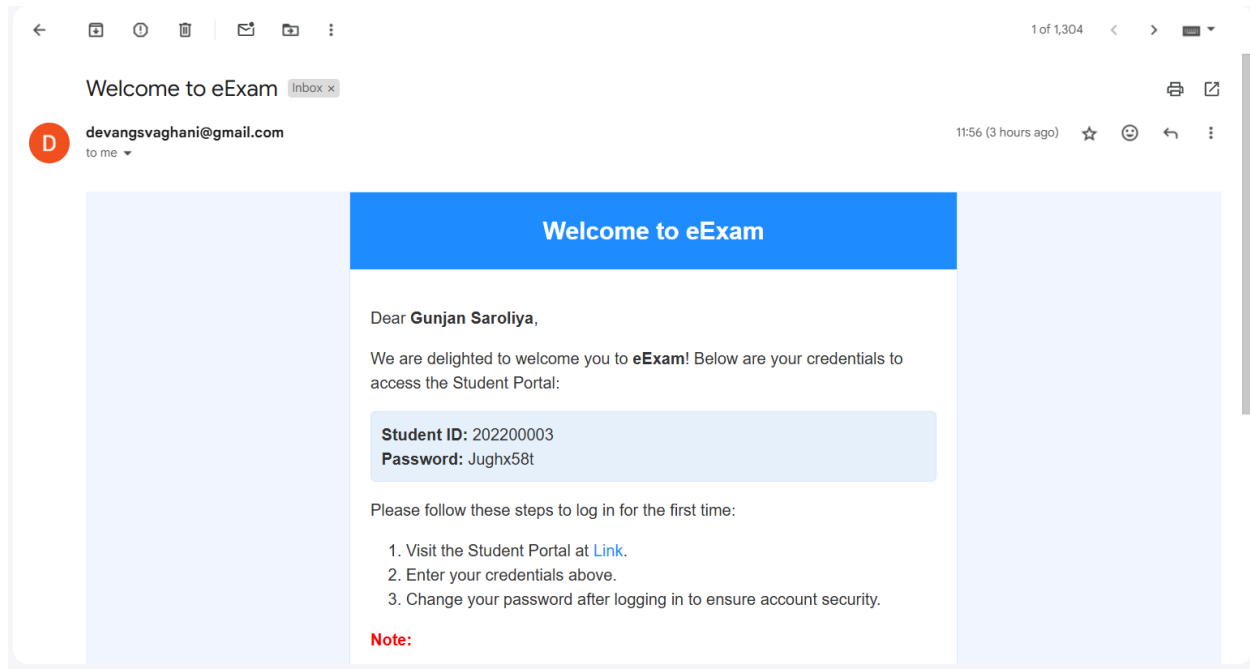
5. runScript on window.scrollTo(0,0) OK 15:29:16

6. click on css=.create-examiner-button OK 15:29:17

✓ View performance* completed successfully 15:29:18

→ Student - Receive Email

Functionality: When an administrator creates a student account, the student will receive an email with their Student ID and password.



→ Examiner - Receive Email

Functionality: When an administrator creates an examiner, the examiner will receive an email with their Examiner ID and password.

