

Test Compliance Report

Online Placement Information Gathering System (OPIGS)

Group 1

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1. Introduction and Important Points

This is the test compliance report document for Online Placement Information Gathering System. Here, test cases are listed down that were mentioned in the test suite along with obtained PASS/FAIL results that were obtained after testing the software.

Note: - A test is deemed to pass **if its actual result matches its expected result**. A test case that did not complete execution for various reasons or gives unexpected results is considered to fail.

2. Compliance Report

2.1 Admin Class

Login:

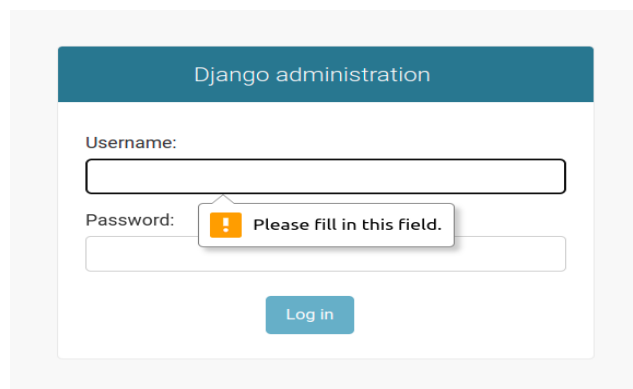
a. Empty Fields

Both username and password are blank.

Expected output: Error message

Output matches with the expected output,

Status: **PASSED**.



b. Correct Parameters

Both username and password are correct. Successful login happens and the django administration page opens up.

Expected output: Successful Login

Output matches with the expected output

Status: **PASSED**.

Site administration

ACCOUNTS		
Alumnis	+ Add	Change
Chats	+ Add	Change
Company's	+ Add	Change
Notifications	+ Add	Change
Students	+ Add	Change
Users	+ Add	Change

2.2 Student Class

2.2.1 Sign Up:

- a. Invalid Parameters
Email for student registration is empty.
Expected output: Error message
Output matches with the expected output
Status: **PASSED.**

Email:

Contact number:

6848577834

Roll number:

Please fill in this field.

- b. Profile selected using checkbox doesn't match with uploaded cv.
Expected output: Error message
Output matches with the expected output.
Status: **PASSED.**

Software Development:



Data Analytics:



Choose a Profile to Upload the CV for:

Data Analytics

Upload CV:

Choose File No file chosen

If you want to upload the CV for this profile, then please first select this profile from the checkboxes above

Register

[Go Back](#)

c. Password mismatch, empty fields, Email mismatch with JSON, Roll number doesn't exist in JSON
Implemented using automated testing.
Expected outputs match exact outputs.
Status: **PASSED**

d. Correct Parameters
All the parameters required are entered correctly.
Expected output: Successful registration takes place and auto login takes place and the user moves to the home page.
Output matches with the expected output.
Status: **PASSED.**

Student Registration

Email:

s9@test.com

Contact number:

0945180852

Roll number:

20CS10003

Department:

Computer Science and Engineering

Password:

.....

Password confirmation:

.....

Software Development:



Data Analytics:



Choose a Profile to Upload the CV for:

Software Development

Upload CV:

Choose File Screenshot (2359).png

Register

Go Back

2.2.2 get_CV():

Expected output: CV uploaded by the student should be visible.

Since output matches with expected output

Status: **PASSED**

NAME: ANGELA REIS
EMAIL ID: S1@TEST.COM
ROLL NUMBER: 20CS10079
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

View CV

NAME: ANGELA REIS
EMAIL ID: S1@TEST.COM
ROLL NUMBER: 20CS10079
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

 Software Development

2.2.3 Student Portal:

IIT Kharagpur

EDIT PROFILE

APPLY

NOTIFICATIONS

REQUEST FEEDBACK

CHAT

LOGOUT



Welcome to the student portal

20CS10037



NAME: JEREMY EDWARDS
EMAIL ID: S8@TEST.COM
ROLL NUMBER: 20CS10037
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

View CV

Notifications

Alert March 27, 2022, 6:29 p.m.



Alert March 27, 2022, 6:29 p.m.



2.3 Company Class

2.3.1 Sign Up:

- a. Empty Fields, Invalid Email format, Password mismatch

Tested using automated testing.

Status: **PASSED**

- b. Correct Parameters

All the parameters required are entered correctly. Next page appears asking questions about company overview, work environment, job description and other details.

Status: **PASSED**

Company Registration

Email (Email will be your username for Logging in the portal):

Contact number:

Company name:

Address:

Profile:

Password:

Password confirmation:

Upload your Verification Documents(Single PDF):

Company_Description.pdf

Register

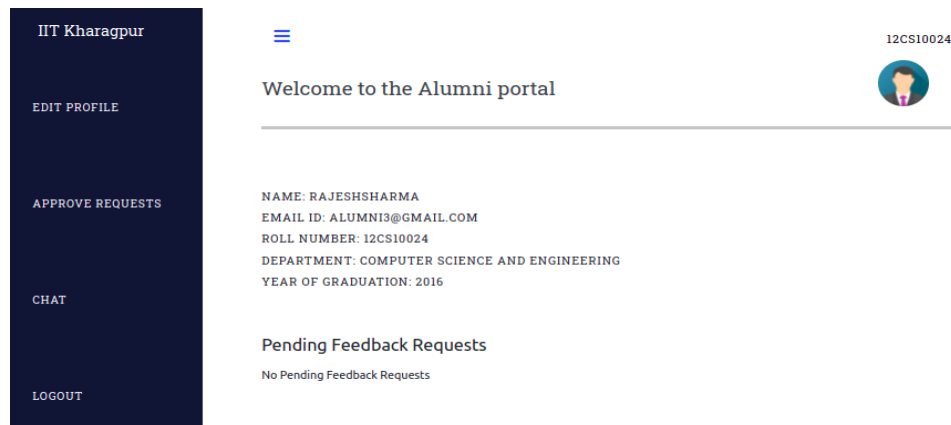
Go Back

2.4 Alumni Class

2.4.1 Sign Up:

- a. Empty fields, Invalid email format, Password mismatch
Implemented using automated testing.
Output matches with Expected Output.
Status: **PASSED**

2.4.2 Alumni Portal:



INTERFACE Testing:

1. Edit Profile Interface:

Contact Number of Student is changed:

Initial Details-

Edit Your Details	
Email:	<input type="text" value="s1@test.com"/>
Contact number:	<input type="text" value="6203544654"/>
First name:	<input type="text" value="Angela"/>
Last name:	<input type="text" value="Reis"/>
Department:	<input type="text" value="Computer Science and Engineering"/>

Final Details-

Changes are made by the student in edit profile are reflected in admin portal

Edit Your Details

Email:

Contact number:

First name:

Last name:

Department:

Software Development:

☒

Data Analytics:

☐

Choose a Profile to Upload CV for(choose No File to Upload, if don't want to upload new CV):

Upload CV:

SDE_CV.pdf

Roll number:

☒ Is student

☐ Is company

☐ Is alumni

Username:

s1@test.com

First name:

Angela

Last name:

Reis

Email:

s1@test.com

Contact number:

9678979231

Contact Number of Company is changed:
Initial Details-

Edit Your Details

Email:
company1@gmail.com

Contact number:
7833544654

Company name:
Company 1

Address:
New Delhi, India

Profile:
Software Develepment

Final Details-

Edit Your Details

Email:
company1@gmail.com

Contact number:
9822873882

Company name:
Company 1

Address:
New Delhi, India

Profile:
Software Develepment

Updated database:

☐ Is student

☒ Is company

☐ Is alumni

Username:	company1@gmail.com
First name:	demo
Last name:	demo
Email:	company1@gmail.com
Contact number:	9822873882

Delete

Save and add another

Save and continue editing

SAVE

Contact Number of Alumni is changed: Initial Details-

Edit Your Details

Email:

alumni1@gmail.com

Contact number:

9545544654

First name:

Pranjal

Last name:

Shukla

Department:

Computer Science and Engineering

Year of graduation:

2016

Roll number:

11CS30029

Register

Final Details-

Edit Your Details

Email:

alumni1@gmail.com

Contact number:

6209894651

First name:

Pranjal

Last name:

Shukla

Department:

Computer Science and Engineering

Year of graduation:

2016

Roll number:

11CS30029

Register

Updated database:

Is student

Is company

☒ Is alumni

Username:

alumni1@gmail.com

First name:

Prakhar

Last name:

Mishra

Email:

alumni1@gmail.com

Contact number:

6208957934

Delete

Save and add another

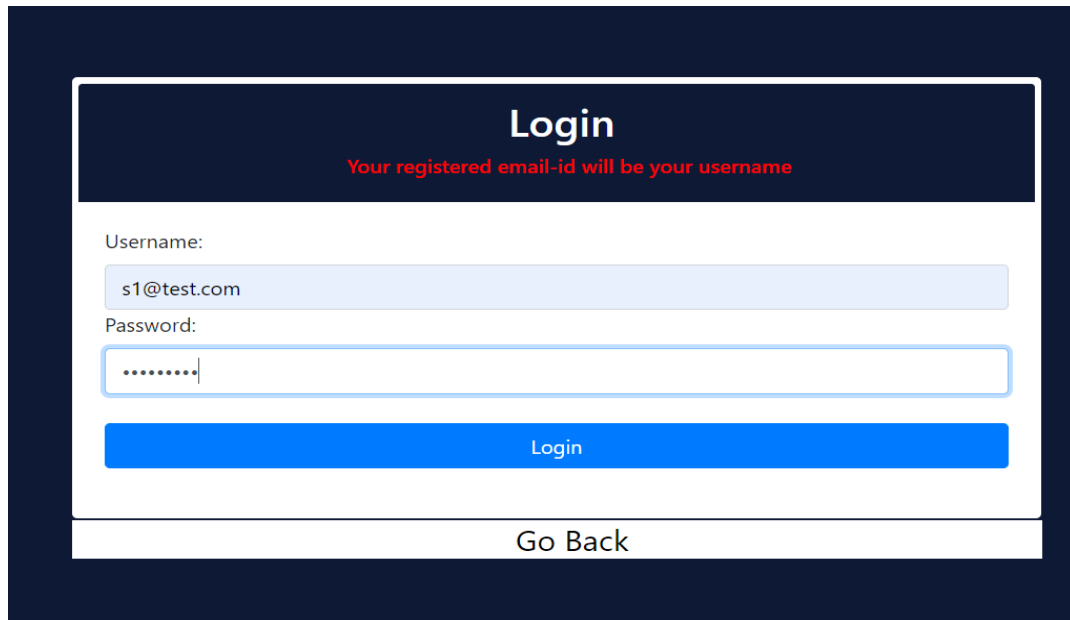
Save and continue editing

SAVE

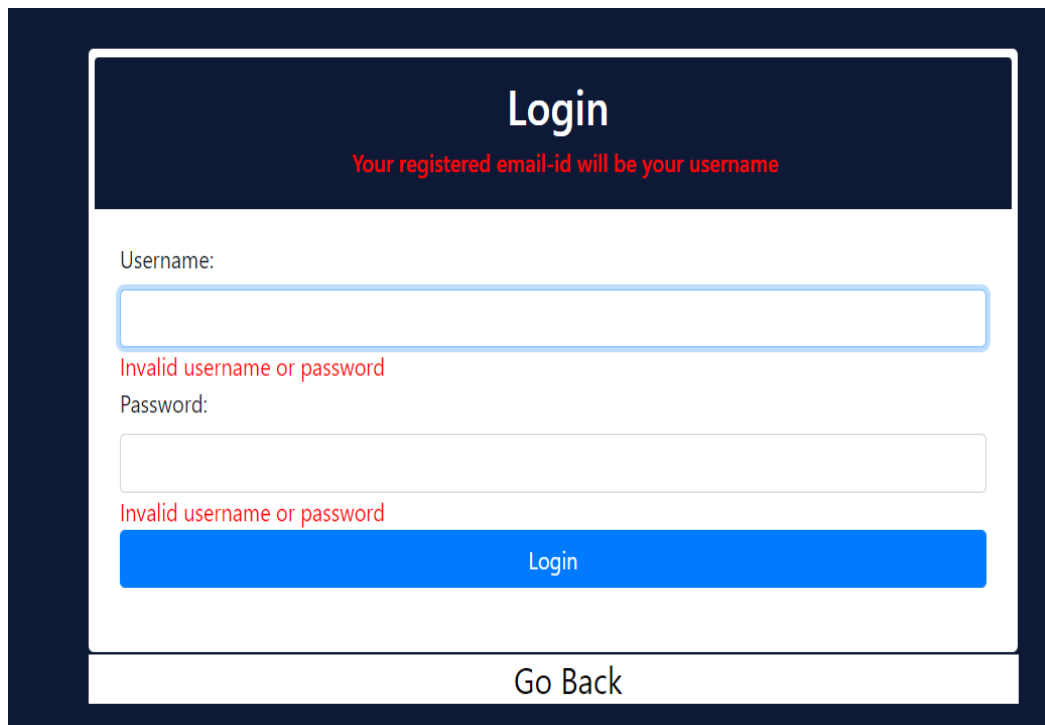
2. Login Interface:

a) Invalid username:

- i) Expected output: error message
- ii) Since output matches with expected output
- iii) Status: **PASSED**



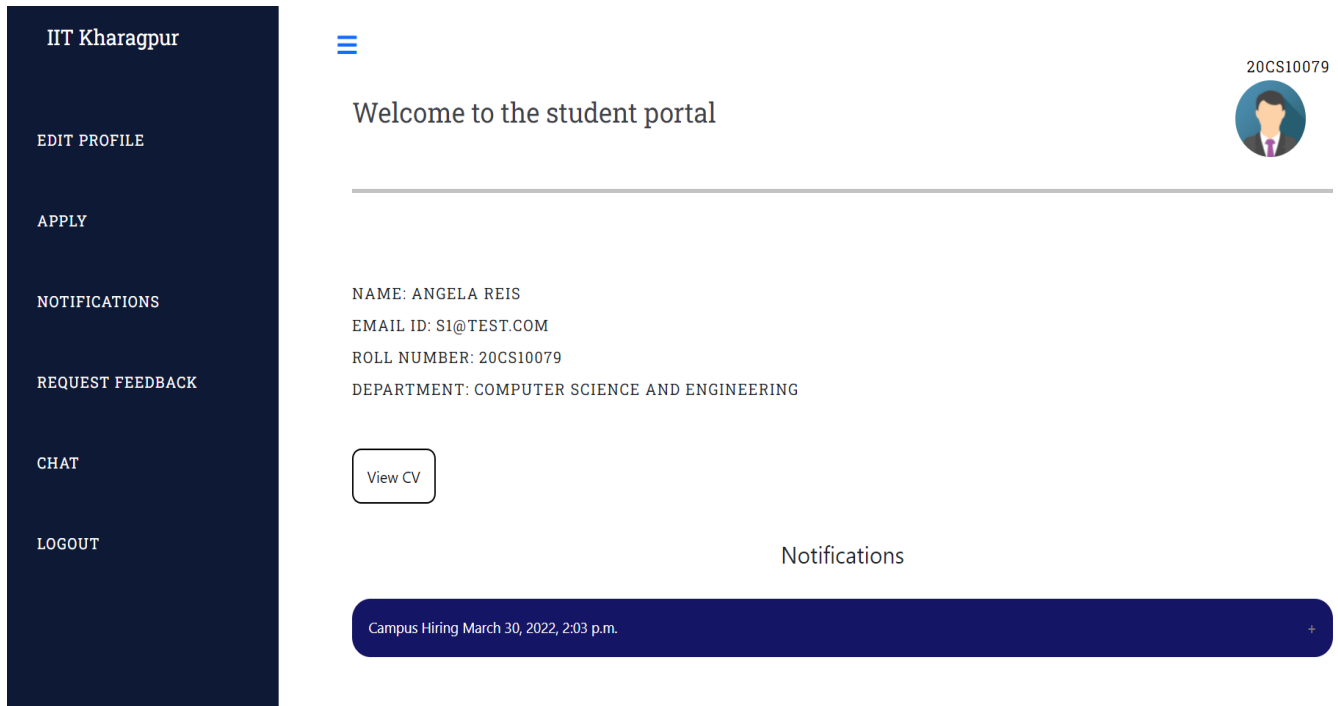
The screenshot shows a login form with a dark blue header containing the text "Login" and "Your registered email-id will be your username". Below the header, there are two input fields: "Username:" with the value "s1@test.com" and "Password:" with masked characters ".....". A blue "Login" button is positioned below the password field. At the bottom of the form, there is a "Go Back" link.



The screenshot shows the same login form as above, but with an error message "Invalid username or password" displayed below the "Username:" input field. The "Password:" input field is also empty. The "Login" button and "Go Back" link are still present.

b) Correct Login credential:

- i) Expected output: student portal should open up
- ii) Since output matches with expected output
- iii) Status: **PASSED**



3. Apply for Company Interface

In apply section of the portal the students can apply to different companies after viewing their description

Apply for Companies

This is the list of companies of the profile that you have applied for, if you want to see the list of companies of some other profile Kindly choose that profile also from Edit Profile Section on Student Dashboard

Company name: Company 3
Profile: Software Development

View Details

Applied

Company name: Company 1
Profile: Software Development

View Details

Applied

Go Back

Companies after login can see the list of applied students and shortlist them after having a look at their resumes.

List of Students Applied

Angela Reis	View CV	Shortlisted
James Lopez	View CV	Shortlist

Go Back

Status: **PASSED**

4. Chat Portal:

To test whether students and alumni are able to chat.

Student login - request feedback - alumni login - approve request

Request Feedback

You would be able to chat with your alumni only when he approves your request

abc def

Request Feedback

Go Back

IIT Kharagpur

EDIT PROFILE


APPROVE REQUESTS

CHAT

LOGOUT

Welcome to the Alumni portal

18HS20056



NAME: ABC DEF
EMAIL ID: 1@GMAIL.COM
ROLL NUMBER: 18HS20056
DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING
YEAR OF GRADUATION: 2015

Pending Feedback Requests

s1@test.com

Feedback

Angela Reis

View SDE CV

hello how are you

Send feedback

Go Back

On clicking send feedback:

Feedback

No Pending Feedback Requests

Go Back

IIT Kharagpur

EDIT PROFILE

APPROVE REQUESTS

CHAT

LOGOUT

Welcome to the Alumni portal

18HS20056

NAME: ABC DEF

EMAIL ID: 1@GMAIL.COM

ROLL NUMBER: 18HS20056

DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

YEAR OF GRADUATION: 2015

Pending Feedback Requests

No Pending Feedback Requests

Login as students and click on chats:

Chats History






Angela Reis

View Chats

Go Back


Welcome to Chat Portal

You are logged in as s1@test.com

 1@gmail.com

hello how are you






i am fine



Go Back


Welcome to Chat Portal

You are logged in as s1@test.com

 1@gmail.com

hello how are you

i am fine



Go Back

Both student and alumni are able to chat.

Status: **PASSED**

5. Notification Interface:

Log in as student

IIT Kharagpur

EDIT PROFILE

APPLY

NOTIFICATIONS

REQUEST FEEDBACK

CHAT

LOGOUT

Welcome to the student portal

NAME: ANGELA REIS

EMAIL ID: S1@TEST.COM

ROLL NUMBER: 20CS10079

DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

View CV

Notifications

No New Notifications

20CS10079

Open Admin Portal and click on ADD NOTIFICATION:

Django administration

WELCOME, DEMO. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home » Accounts » Notifications

Start typing to filter...

ACCOUNTS

Alumnis + Add

Chats + Add

Company's + Add

Notifications + Add

Students + Add

Users + Add

AUTHENTICATION AND AUTHORIZATION

Groups + Add

Select notification to change

0 notifications

ADD NOTIFICATION +

Add notification

Subject: Campus Hiring

Notification: Campus



Save and add another

Save and continue editing

SAVE

Admin portal after clicking on SAVE:

Django administration

WELCOME, DEMO. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

[Home](#) / [Accounts](#) / [Notifications](#)

Start typing to filter...

ACCOUNTS

Alumnis

+ Add

Chats

+ Add

Companys

+ Add

Notifications

+ Add

Students

+ Add

Users

+ Add

AUTHENTICATION AND AUTHORIZATION

Groups

+ Add

✔ The notification "Campus Hiring" was changed successfully.

Select notification to change

ADD NOTIFICATION +

Action: Go 0 of 1 selected

☐ NOTIFICATION

☐ Campus Hiring

1 notification

Student log in again:

IIT Kharagpur

EDIT PROFILE

APPLY

NOTIFICATIONS

REQUEST FEEDBACK

CHAT

LOGOUT

Welcome to the student portal

20CS10079

NAME: ANGELA REIS

EMAIL ID: S1@TEST.COM

ROLL NUMBER: 20CS10079

DEPARTMENT: COMPUTER SCIENCE AND ENGINEERING

View CV

Notifications

Campus Hiring March 30, 2022, 2:03 p.m.

On clicking on the Notification heading:

Notifications

Campus Hiring March 30, 2022, 2:03 p.m.

Campus placements are going to begin on 20th April 2022.

Since admin is able to add notifications which are displayed in the student portal, the test case is **PASSED**.

Automated Backend Testing:

Following elements have been tested using testing codes uploaded along with source codes:

1. Urls.py:
 - a. Url's path has been tested. This test will check if the proper function of views.py corresponding to the link name is called.
 - b. All tests **PASSED**.
2. Views.py:
 - a. This test will check if templates corresponding to views are proper rendered and on mimicking request views.py functions are working properly(using status_code)
 - b. All test cases **PASSED**.

3. Models.py:
 - a. This test will create objects in database, retrieve them from database and then verify them
 - b. All test cases **PASSED**.
4. Student:
 - a. This tests object creation with different scenarios (i.e. test of student sign up feature)
 - b. All test cases **PASSED**.
5. Alumni:
 - a. This tests object creation with different scenarios (i.e. test of alumni sign up feature)
 - b. All test cases **PASSED**.
6. Company:
 - a. This tests object creation with different scenarios (i.e. test of company sign up feature)
 - b. All test cases **PASSED**.