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Student Reference Number: 10638202

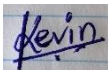
Module Code: SOFT255SL	Module Name: Software Engineering for the Internet using java
Coursework Title: Final Group Assignment (The Portal)	
Deadline Date: 2019.04.08	Member of staff responsible for coursework: Mr. Chaminda Wijesinghe
Programme: BSc (Hons) Software Engineering	
Please note that University Academic Regulations are available under Rules and Regulations on the University website www.plymouth.ac.uk/studenthandbook .	
<p>Group work: please list all names of all participants formally associated with this work and state whether the work was undertaken alone or as part of a team. Please note you may be required to identify individual responsibility for component parts.</p> <p>10638202 – MKH Samaraweera 10638286 – Natasha Ranathunga 10638282 – Ashmini Liyanage 10638317 – Dinesh Amarakoon</p> <p><i>We confirm that we have read and understood the Plymouth University regulations relating to Assessment Offences and that we are aware of the possible penalties for any breach of these regulations. We confirm that this is the independent work of the group.</i></p> <p>Signed on behalf of the group:</p>	
<p>Individual assignment: <i>I confirm that I have read and understood the Plymouth University regulations relating to Assessment Offences and that I am aware of the possible penalties for any breach of these regulations. I confirm that this is my own independent work.</i></p> <p>Signed: </p>	
<p>Use of translation software: failure to declare that translation software or a similar writing aid has been used will be treated as an assessment offence.</p> <p>I *have used/not used translation software.</p> <p>If used, please state name of software.....</p>	
<p>Overall mark _____% Assessors Initials _____ Date _____</p>	

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1. Acknowledgement

In preparation of our project, we had to take the help and guidance of some respected persons, who deserve our deepest gratitude. As the completion of this assignment gave us much pleasure, we would like to show our gratitude to our course instructors Mr. Chaminda Wijesinghe and Mrs Sulari Fernando for introducing us to the Methodology of work. In addition, we would also like to expand our gratitude to all those who have directly and indirectly guided us to improve the quality of our project.

2. Requirements Descriptor:

Design and build up an online web application to collaborate universities and industries for the accompanying necessities.

In Sri Lanka university industry collaboration is done in an ad hoc way and they don't have a typical strategy. Cooperation is constrained for industry talks, workshops and guest lectures. Be that as it may, a solid joint effort can do parcel more than this. Research collaboration is one among that and industries can transfer issues to be tackled and university undergraduates can take control over these as their last research extends and convey it with the mentoring of industry and with the academic supervisor. Undergraduates likewise can transfer their inquiries that need support from the industry to be comprehended. University can share the academic timetable which incorporate some critical dates, for example, when undergraduates will be prepared for interns and employment. At the point when undergraduates will get academic breaks. Such data will be valuable for the industry for career related workshops or giving internships.

Universities and industry can register with the system. University or the faculty can give a login inside the university space. In this way, industry can choose a university while transferring posts or events on the college.

Some yearly occasions sorted out by various industries can be noticeable to universities and undergraduates to get ready for such occasions well ahead of time. This might be meet ups, competitions or hackathons or some other matter that should be possible in a synergistic manner. This might be same, the yearly occasions composed by universities and anticipating that different universities should take an interest, and industries can sponsor for such essential occasions.

3. Introduction of the Proposed System

This project is regarding to an “Industry-University Collaboration System” Which helps to increase the collaboration among industries, universities and university students. As university students currently we don’t have any common procedure to collaborate with industries to get updated about their internship vacancies, workshops, and other important upcoming events. So, this system would be a great opportunity for industries, universities and students since the system can be accessed by university staff, university student and Industry people. This report contains details about the process and the architecture of our “Industry-University Collaboration System”.

4. Functional Specification

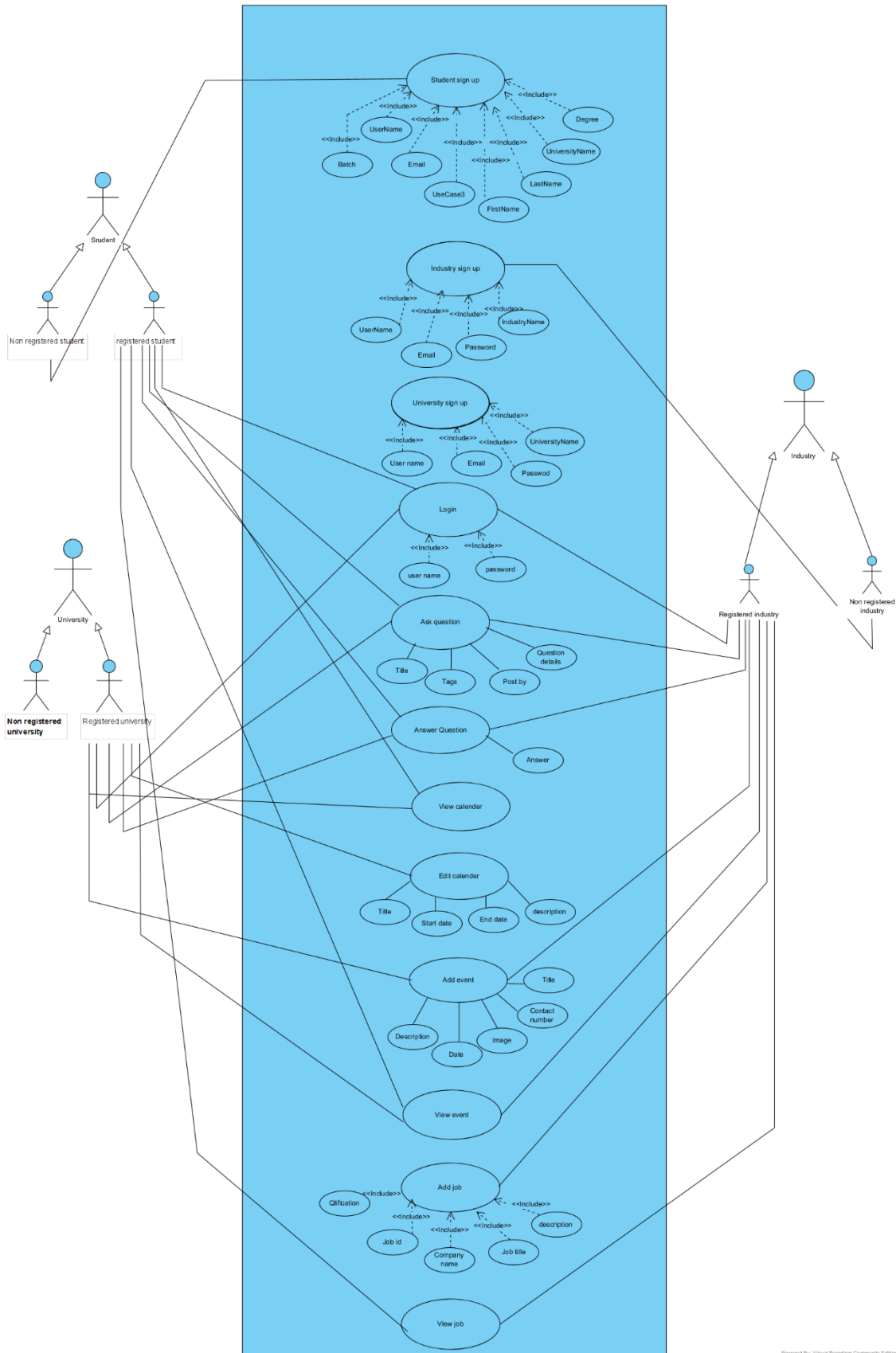
- Connect Students, Universities, Industry Together.
- Manage User Profiles.
- Questions and Answer Forum.
- University Calendar.
- Manage Events.
- Manage Job Vacancies and Internships.

5. Non-functional Specification

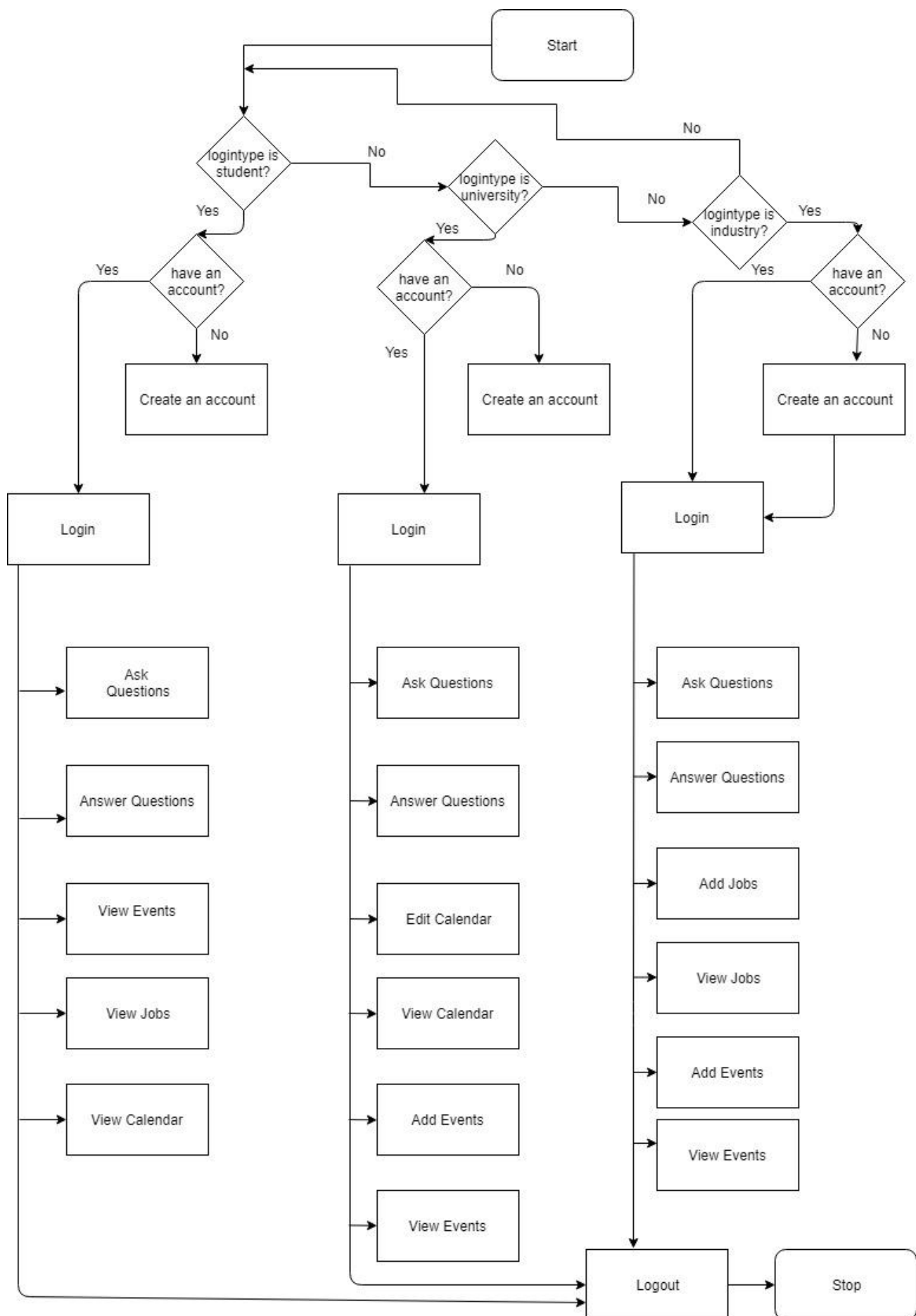
- The System Should Be Efficient.
- The Details Provided Should Be Accurate.
- The System Should Be Trustworthy.
- The System Should Be User-Friendly
- Anyone with Or Without the Knowledge of Using Computer Should Be Able To Access The System.

6. Technical Specification

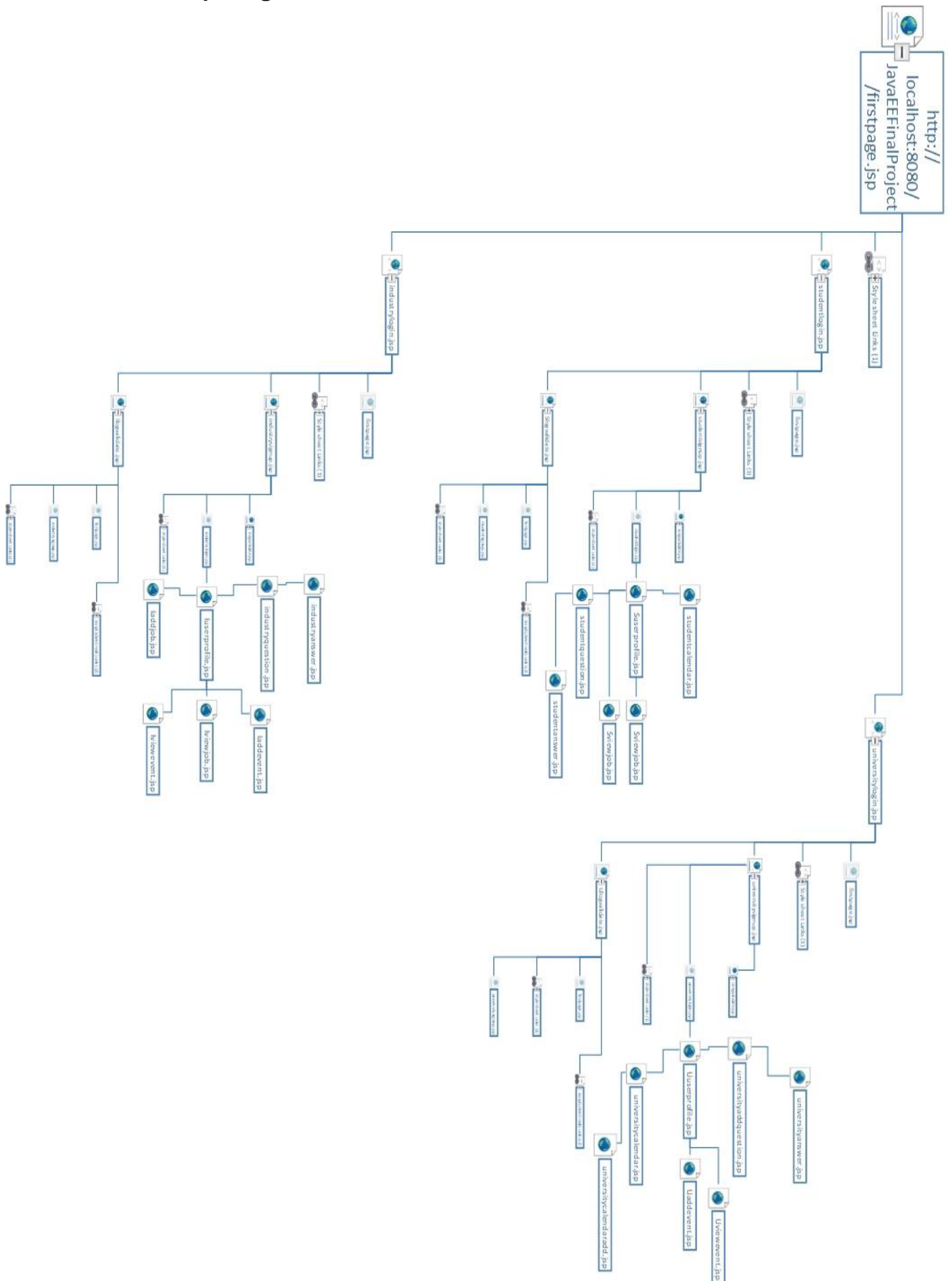
6.1 Use Case Diagram



6.2 Basic Flowchart Diagram

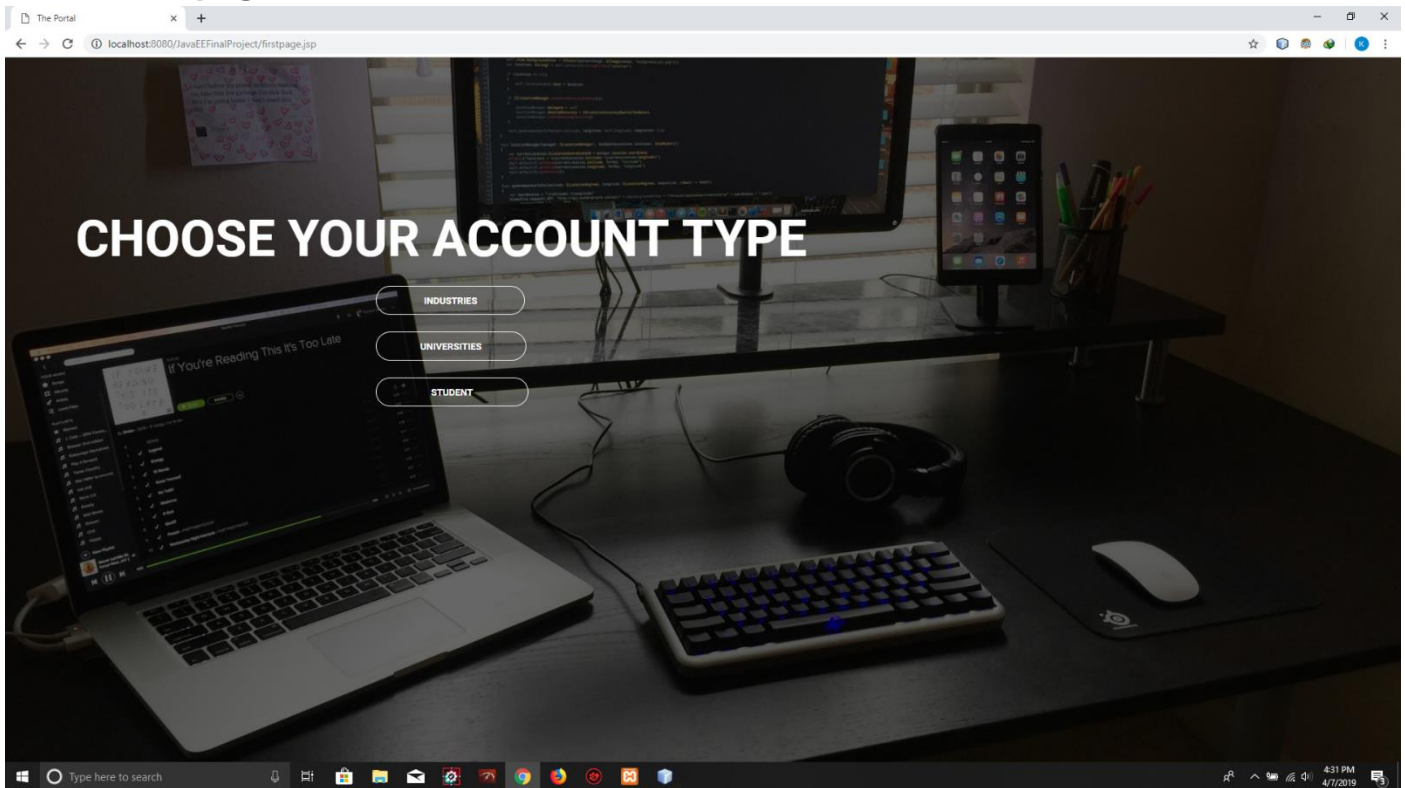


6.3 Website Map Diagram

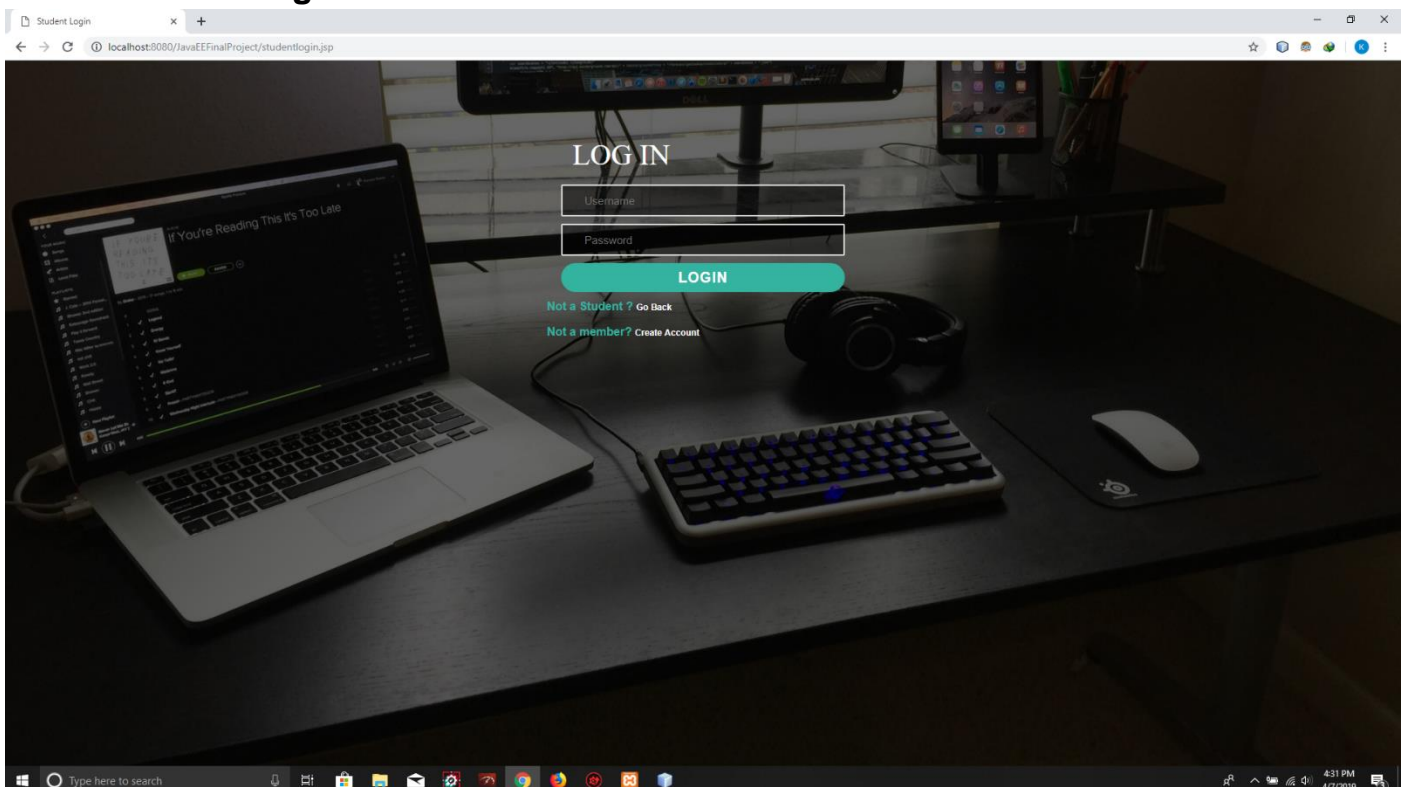


7. Implementation

7.1 First page



7.2 Student Login



7.3 Student Create Account

Student Signup

localhost:8080/javaEEFinalProject/studentsignup.jsp

Create an account

User Name

Email

Password

First Name

Last Name

University Name

Degree Programme

Batch

Register

Already Have an Account? [Click Here](#)

7.4 Student User Profile

Student User Profile

localhost:8080/javaEEFinalProject/Studentprofile.jsp

TP THE PORTAL

FORUM

CALENDAR

USER PROFILE

VIEW EVENT

VIEW JOBS

LOGOUT

USER PROFILE

Edit Profile

Username: kevin Email address: kevin@gmail.com

First Name: Kevin

Last Name: Samaraweera

University: NSBM

Degree: Software

Batch: 172

Update

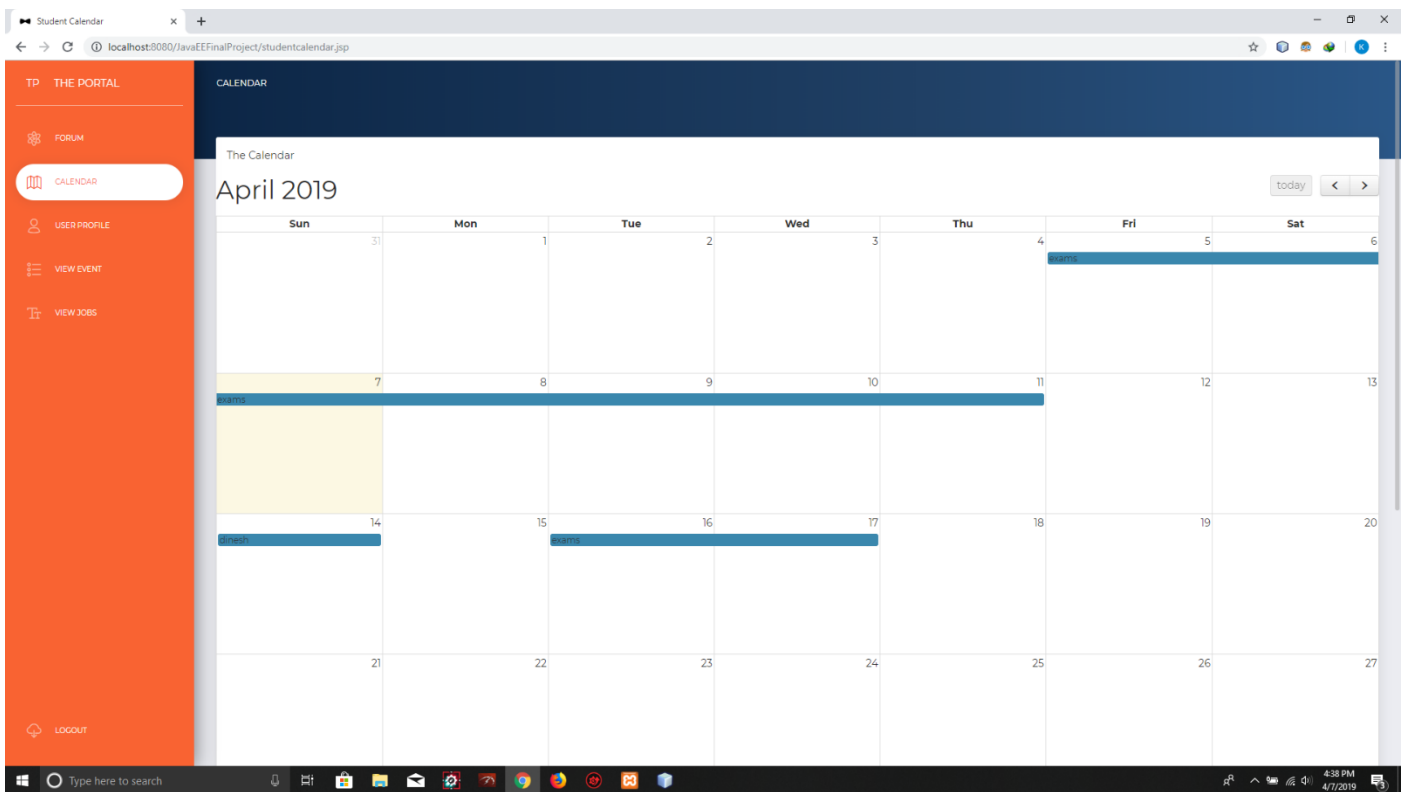
© 2019, Designed by Group 37, Coded by Group 37.

Kevin Samaraweera

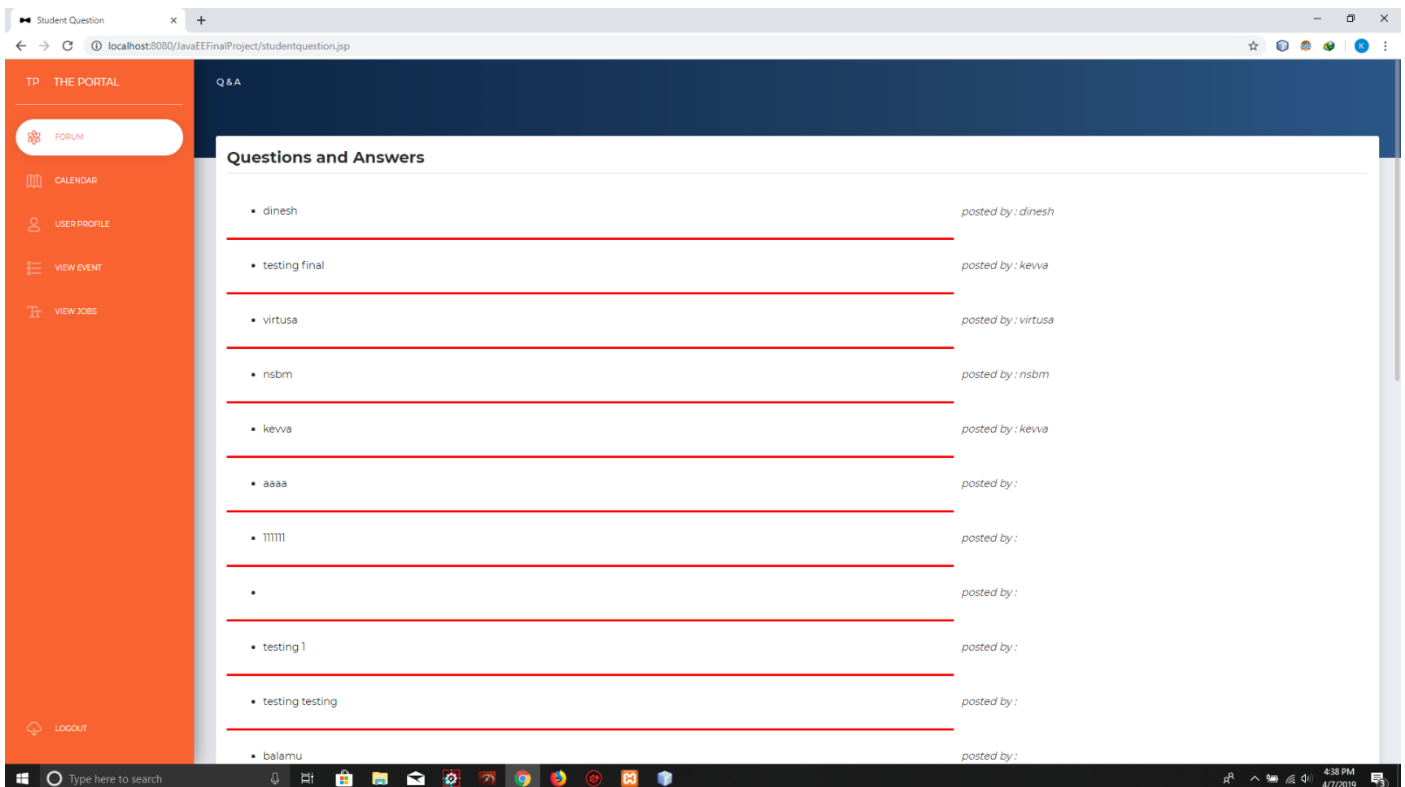
kevin

f t G+

7.5 Student View Calendar



7.6 Student Forum (Previously Asked Questions)



7.7 Student Forum (Ask Question)

The screenshot shows a web browser window with the URL `localhost:8080/javaEEFinalProject/studentquestion.jsp`. The page has an orange sidebar on the left with the following links: TP THE PORTAL, FORUM (selected), CALENDAR, USER PROFILE, VIEW EVENT, VIEW JOBS, and LOGOUT. The main content area displays a list of questions:

- why doesn't jdbc work *posted by:*
- title1 *posted by:*

Below the list is a section titled "Ask Your Question" with the following form fields:

- Question Title:
- Tags:
- Posted By:
- Question Details:

A red "Submit" button is located at the bottom of the form.

7.8 Student Forum (Answer Questions)

The screenshot shows a web browser window with the URL `localhost:8080/javaEEFinalProject/studentanswer.jsp?id=15`. The page has an orange sidebar on the left with the following links: TP THE PORTAL, FORUM (selected), CALENDAR, USER PROFILE, VIEW EVENT, VIEW JOBS, and LOGOUT. The main content area displays a question and its answer:

Q & A

Questions and Answers

dinesh

Tags:

Question Details:

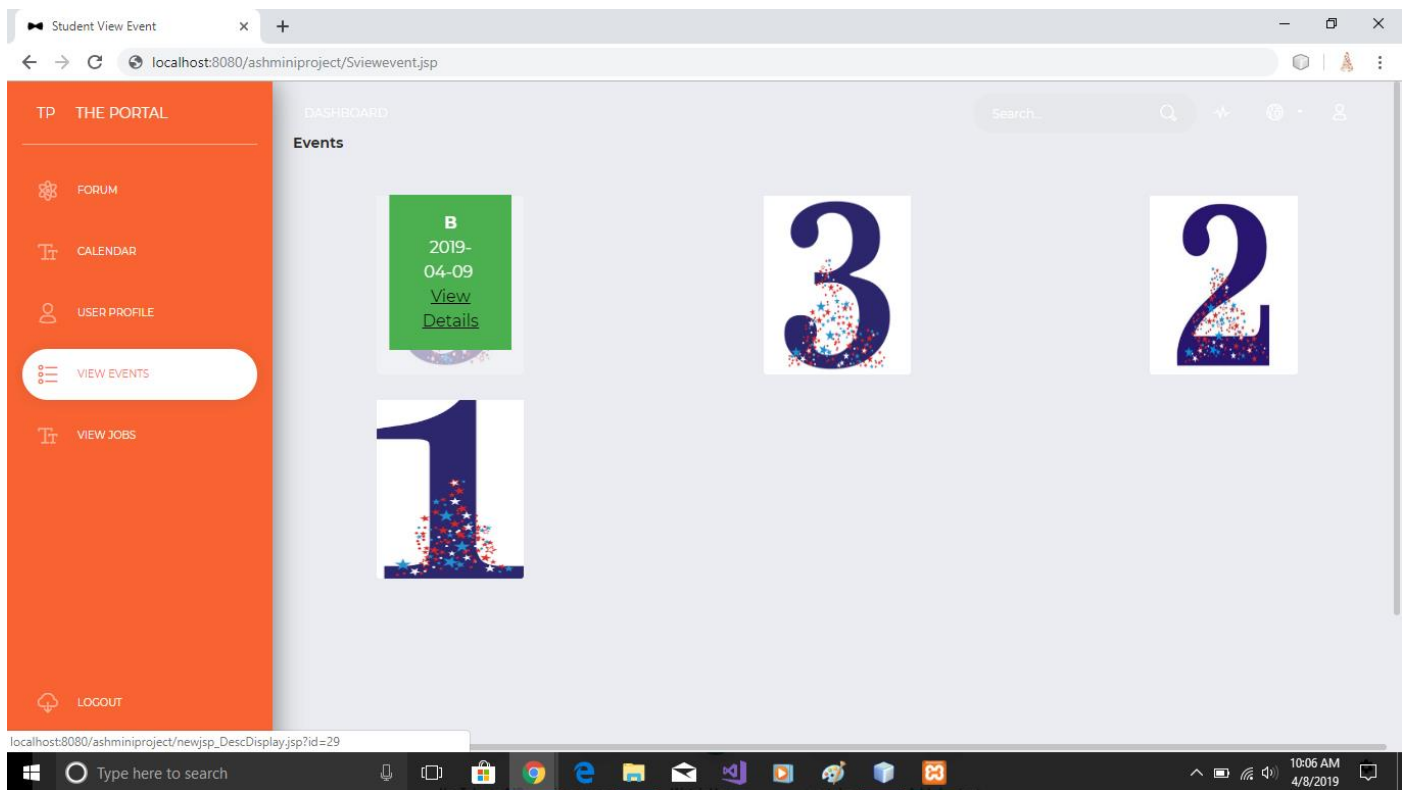
Answer:

A red "Post" button is located at the bottom of the answer form.

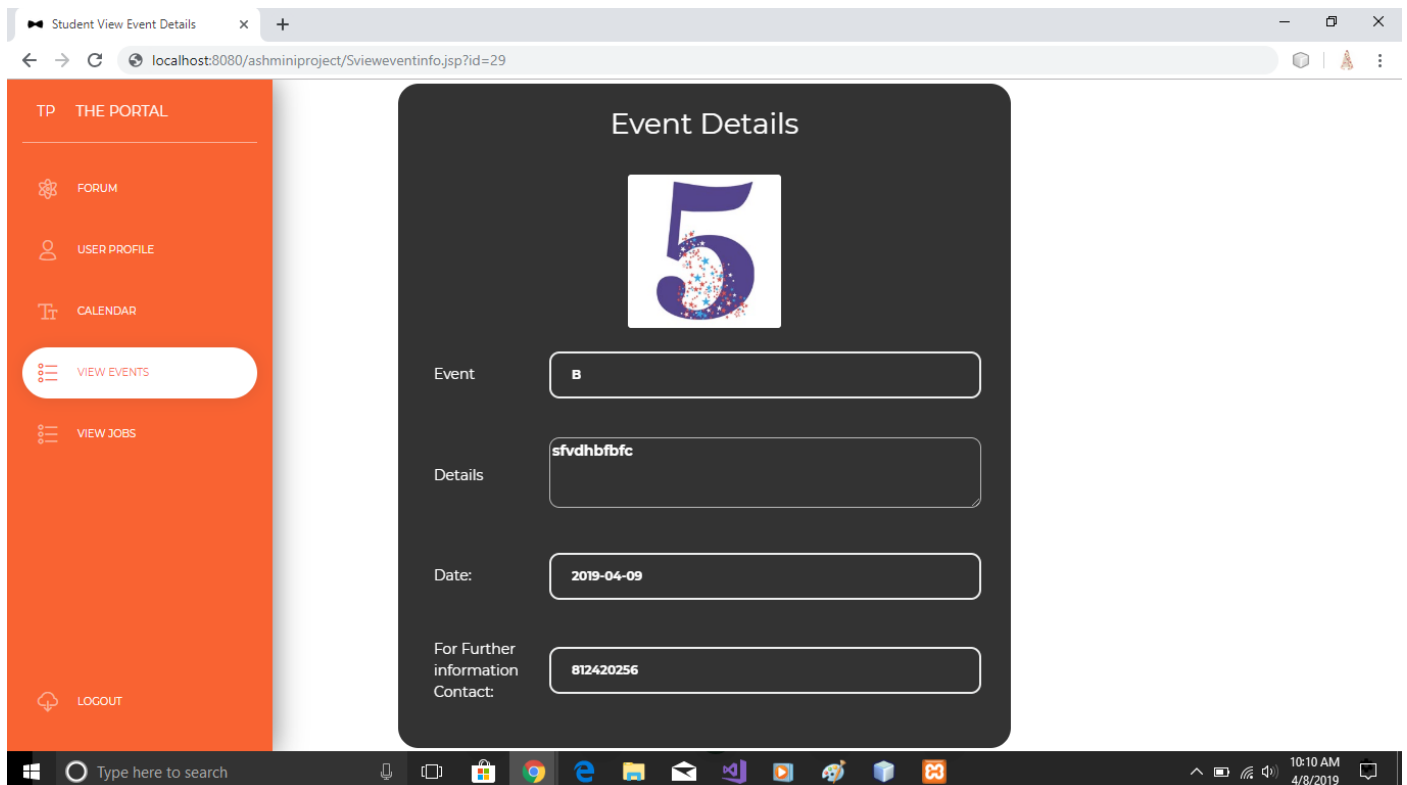
Below the answer form is a section titled "Answers" with the following list:

- keva

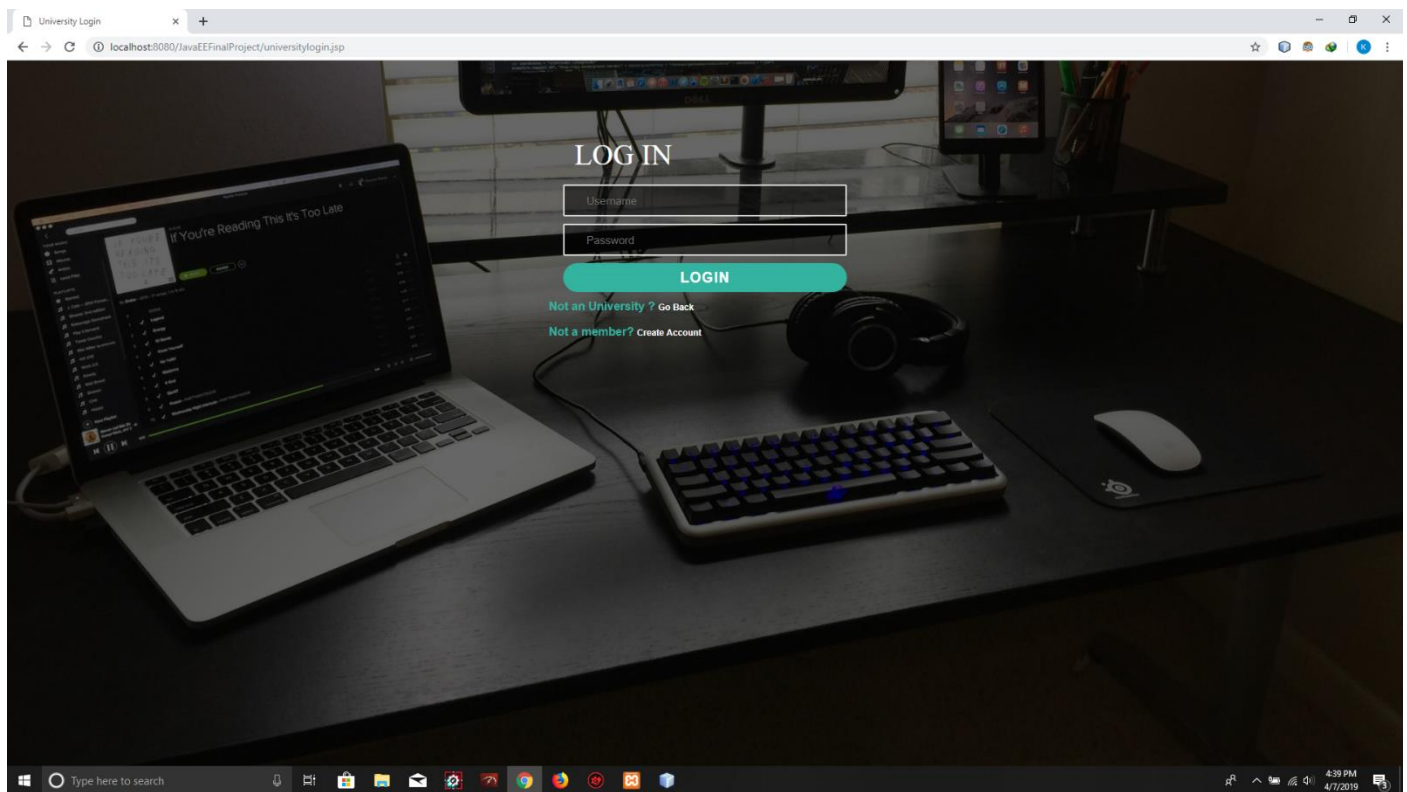
7.9 Student View Event



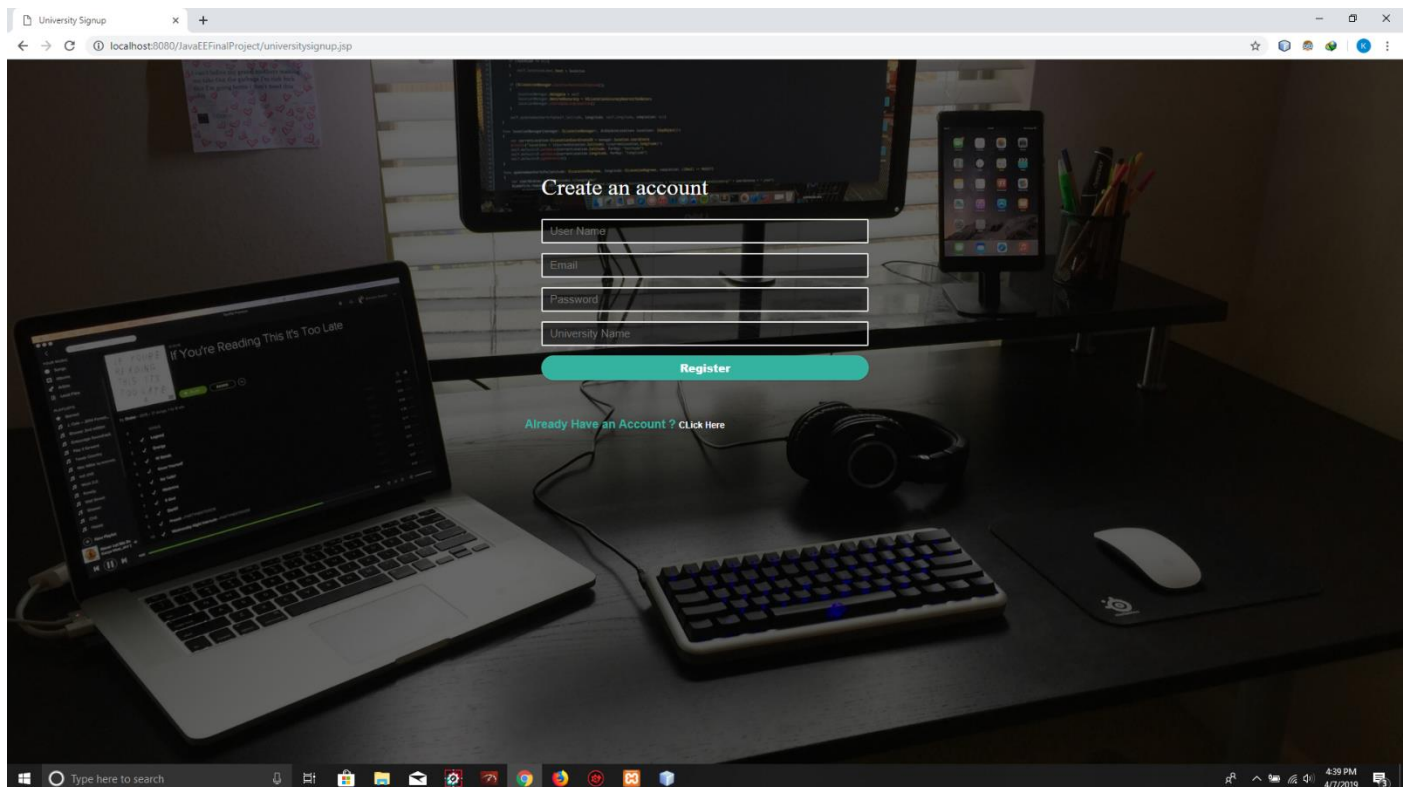
7.10 Student View Event Info



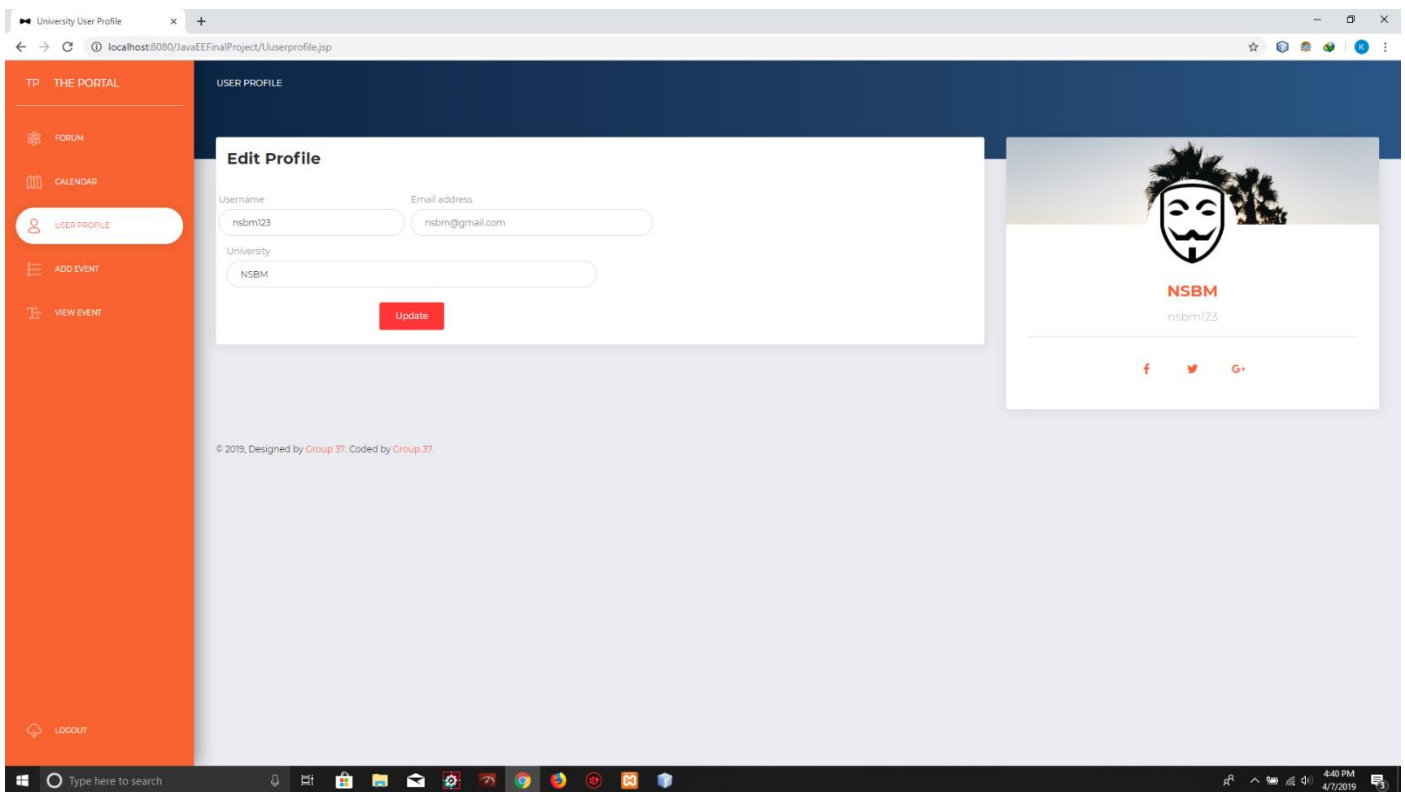
7.11 University Login



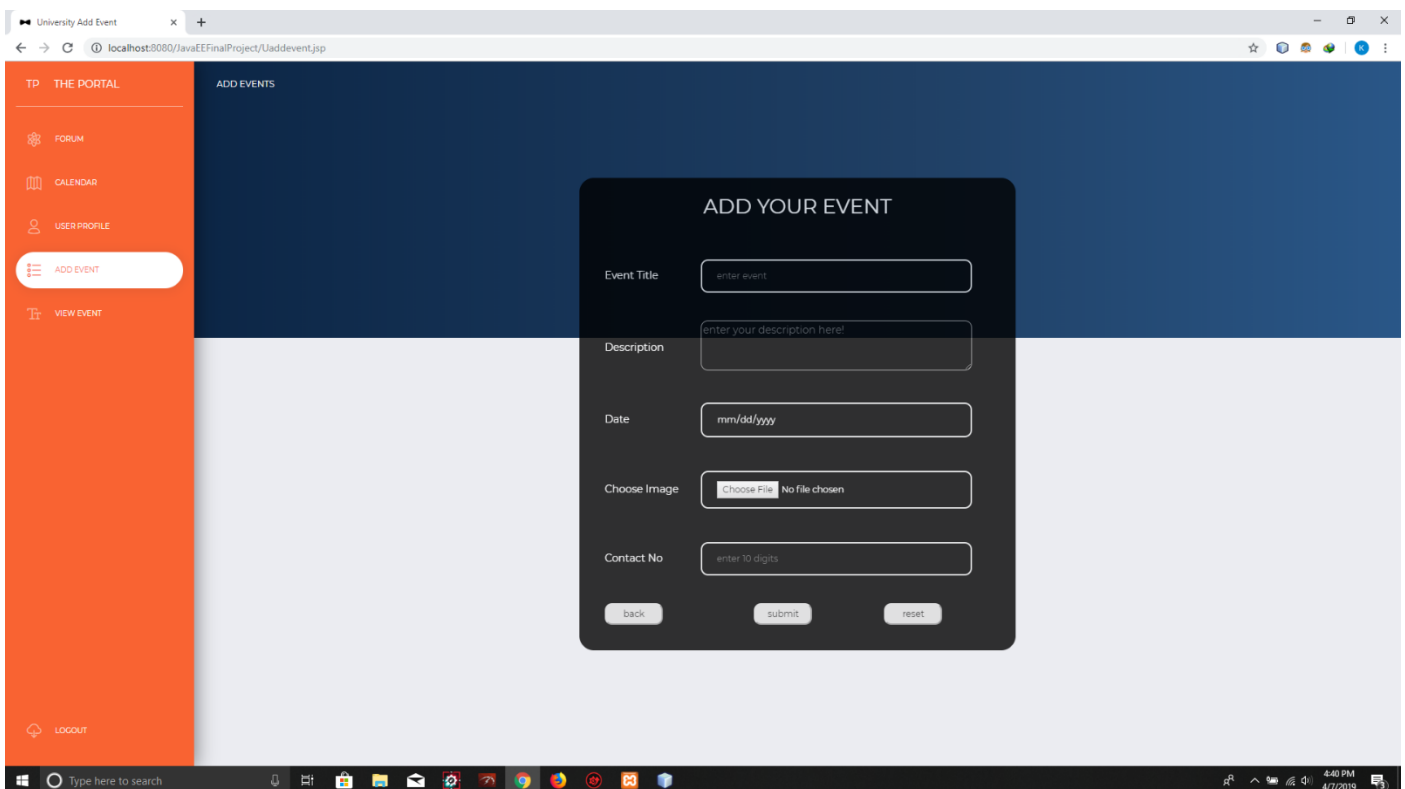
7.12 University Create Account



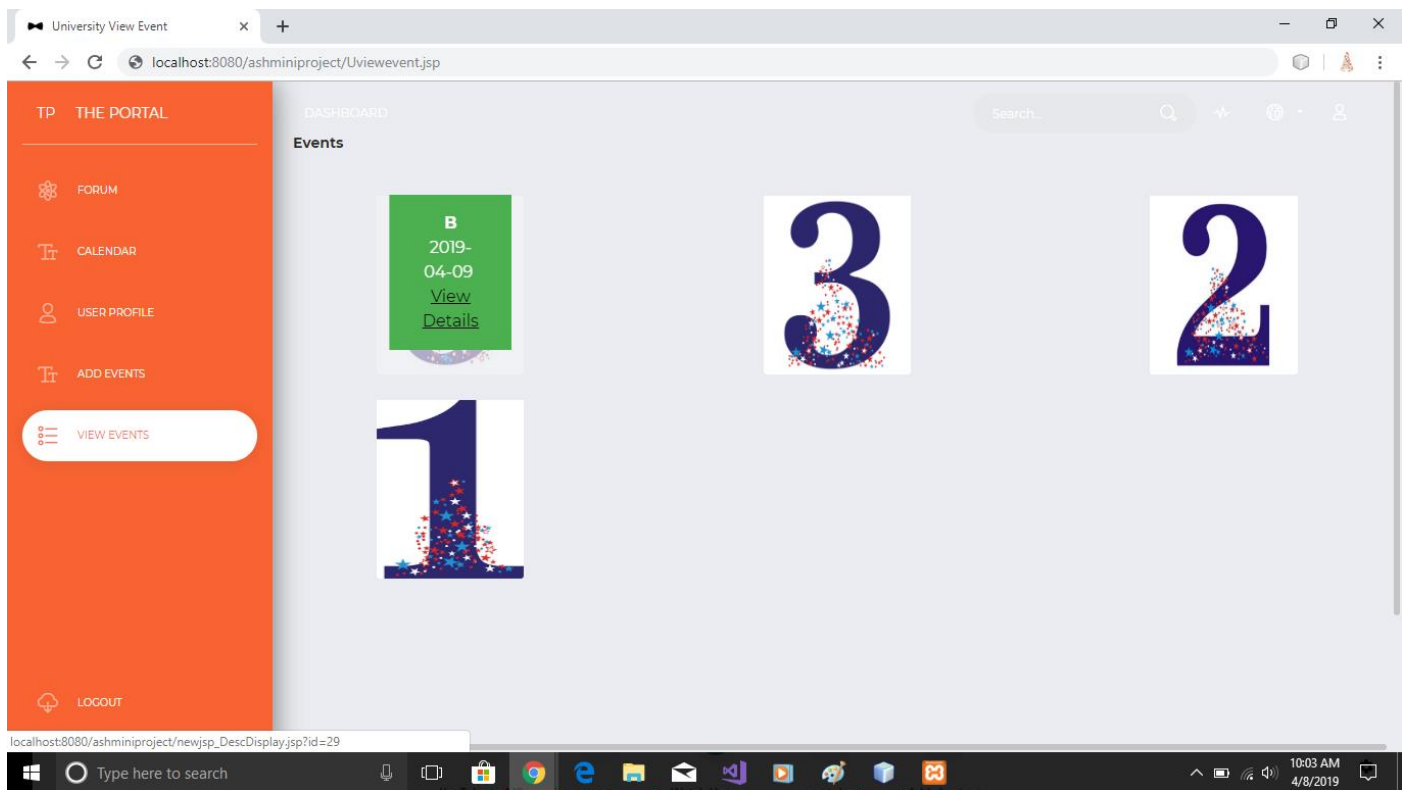
7.13 University User Profile



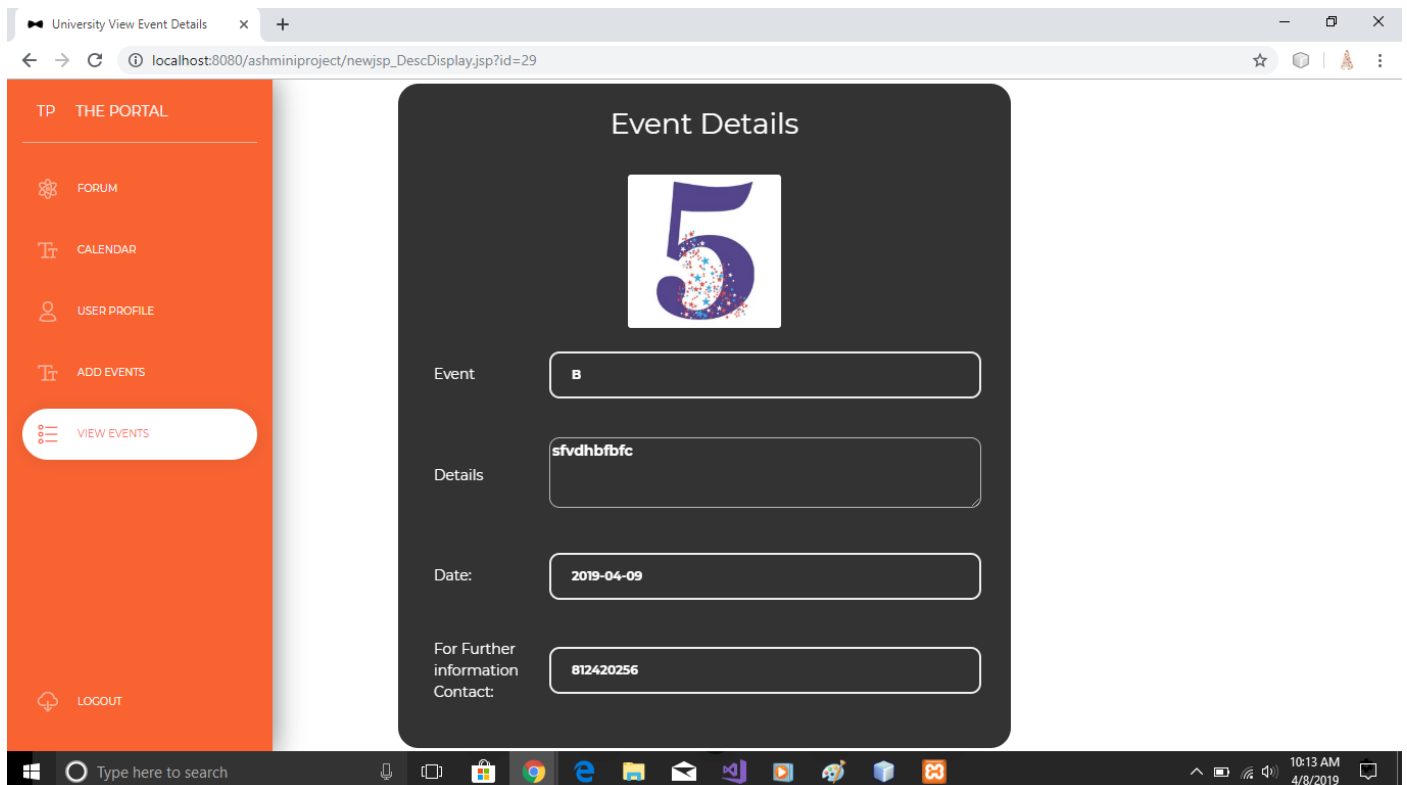
7.14 University Add Event



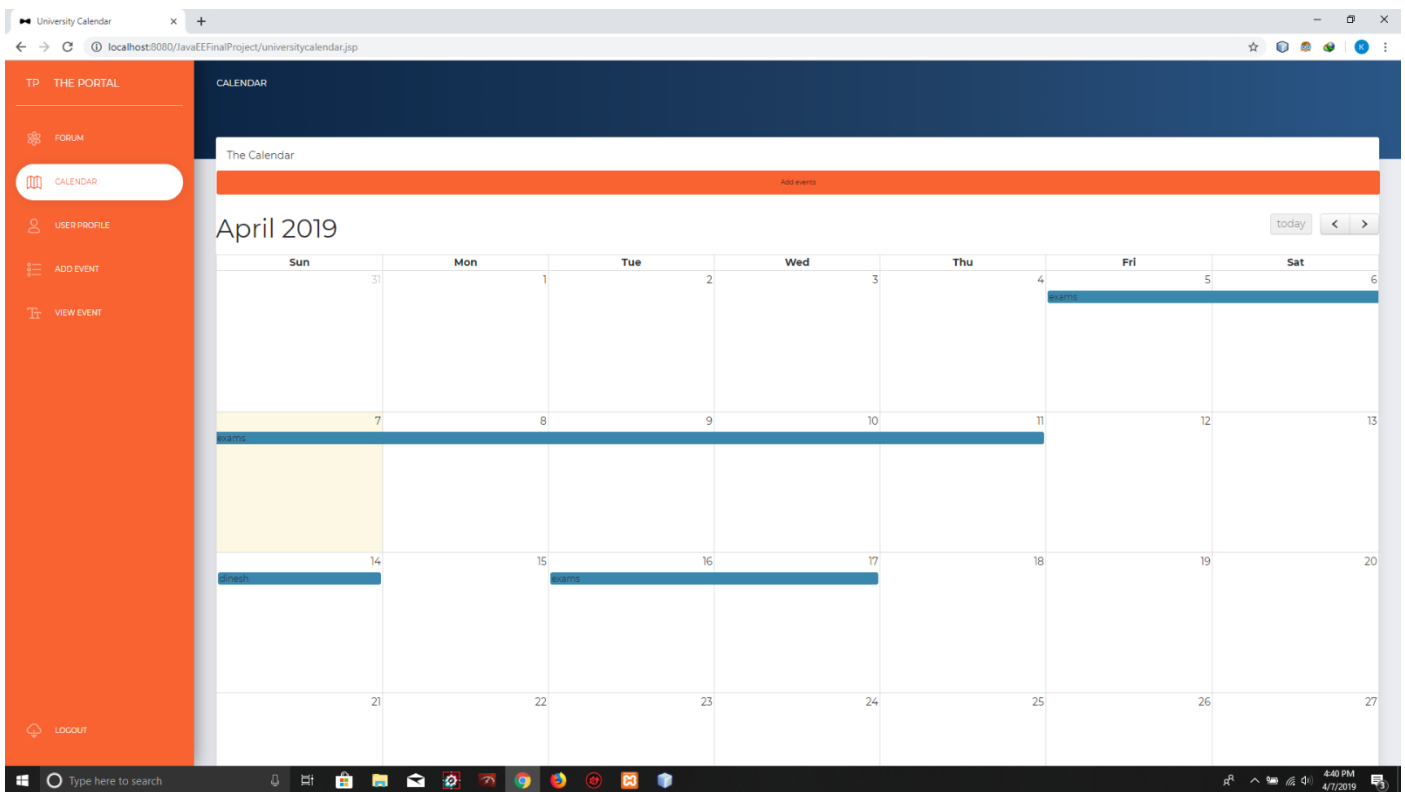
7.15 University View Event



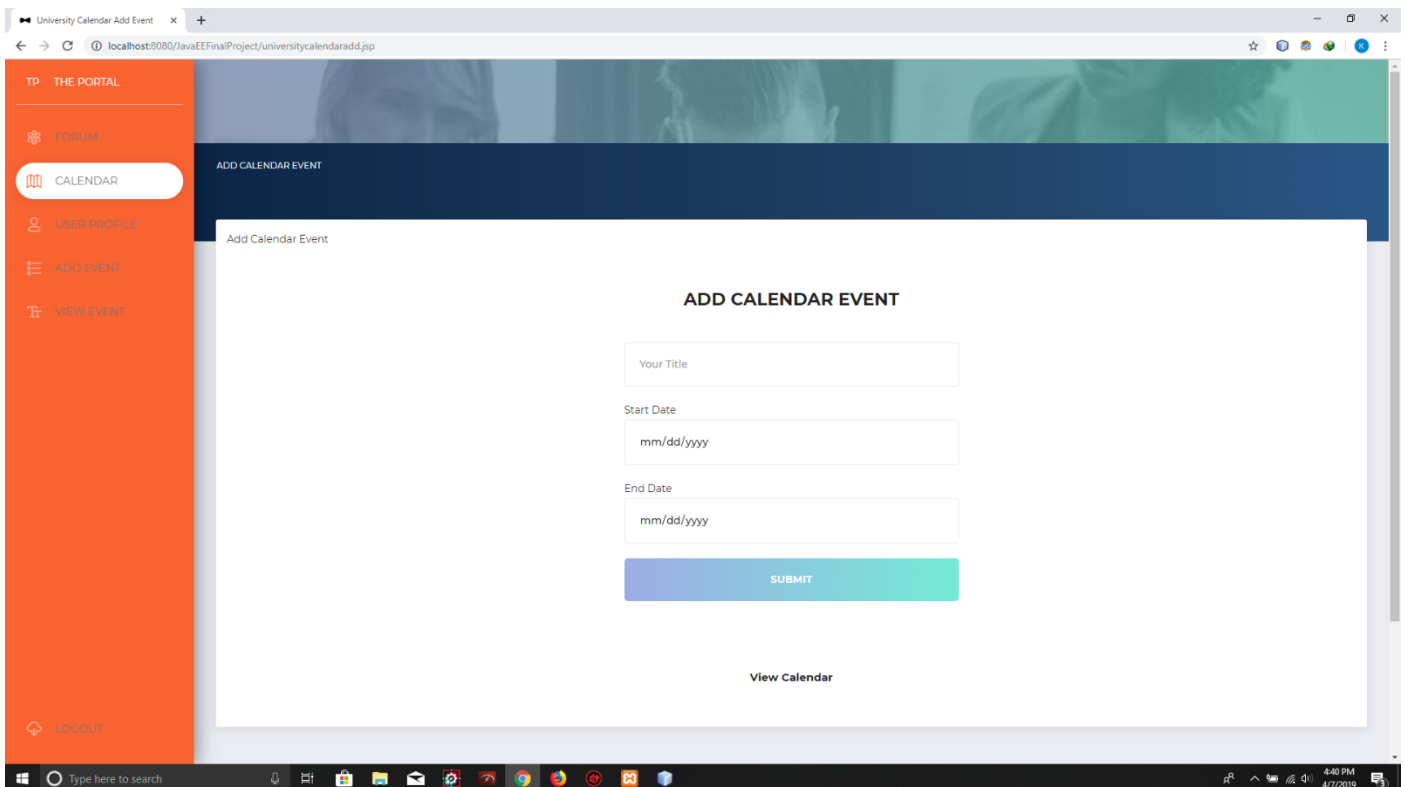
7.16 University View Event Info



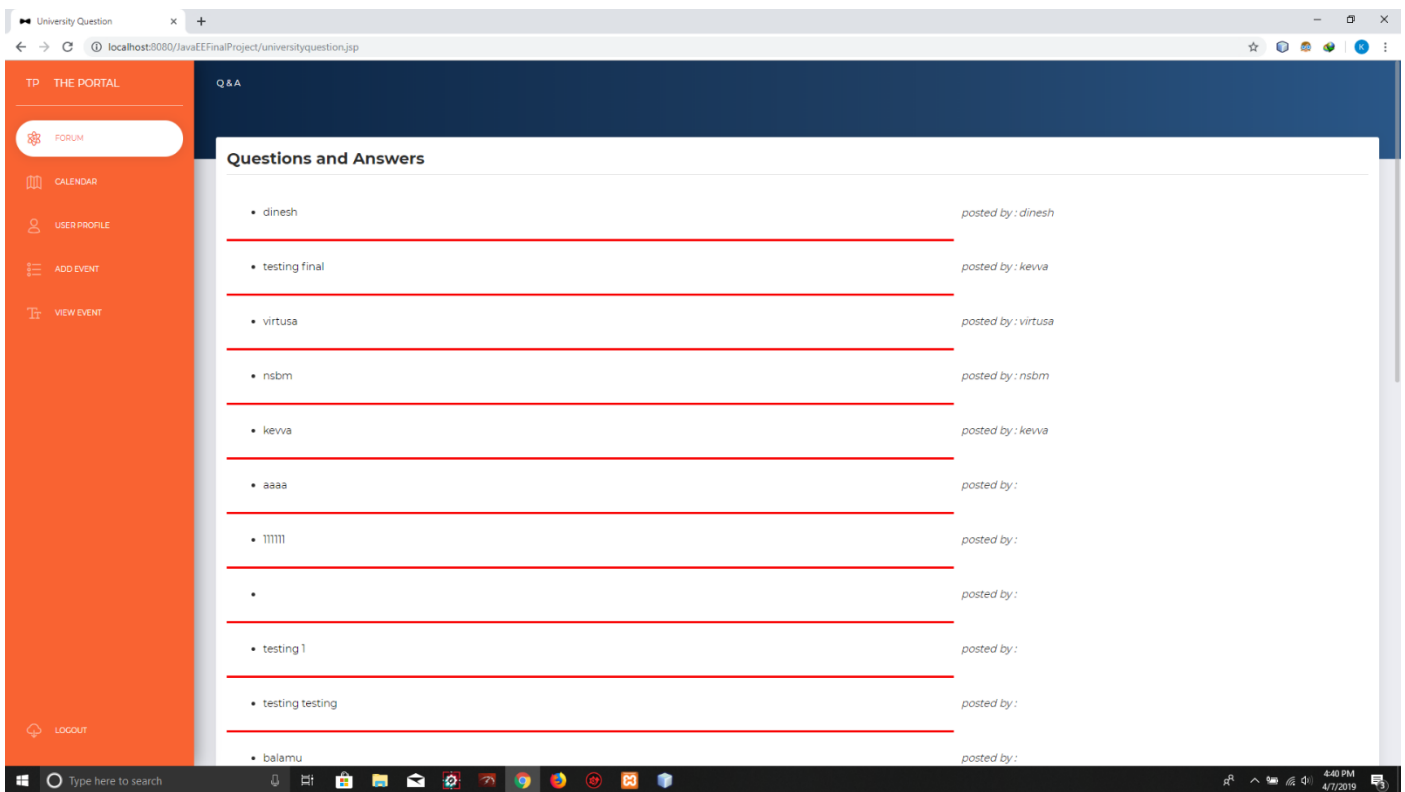
7.17 University View Calendar



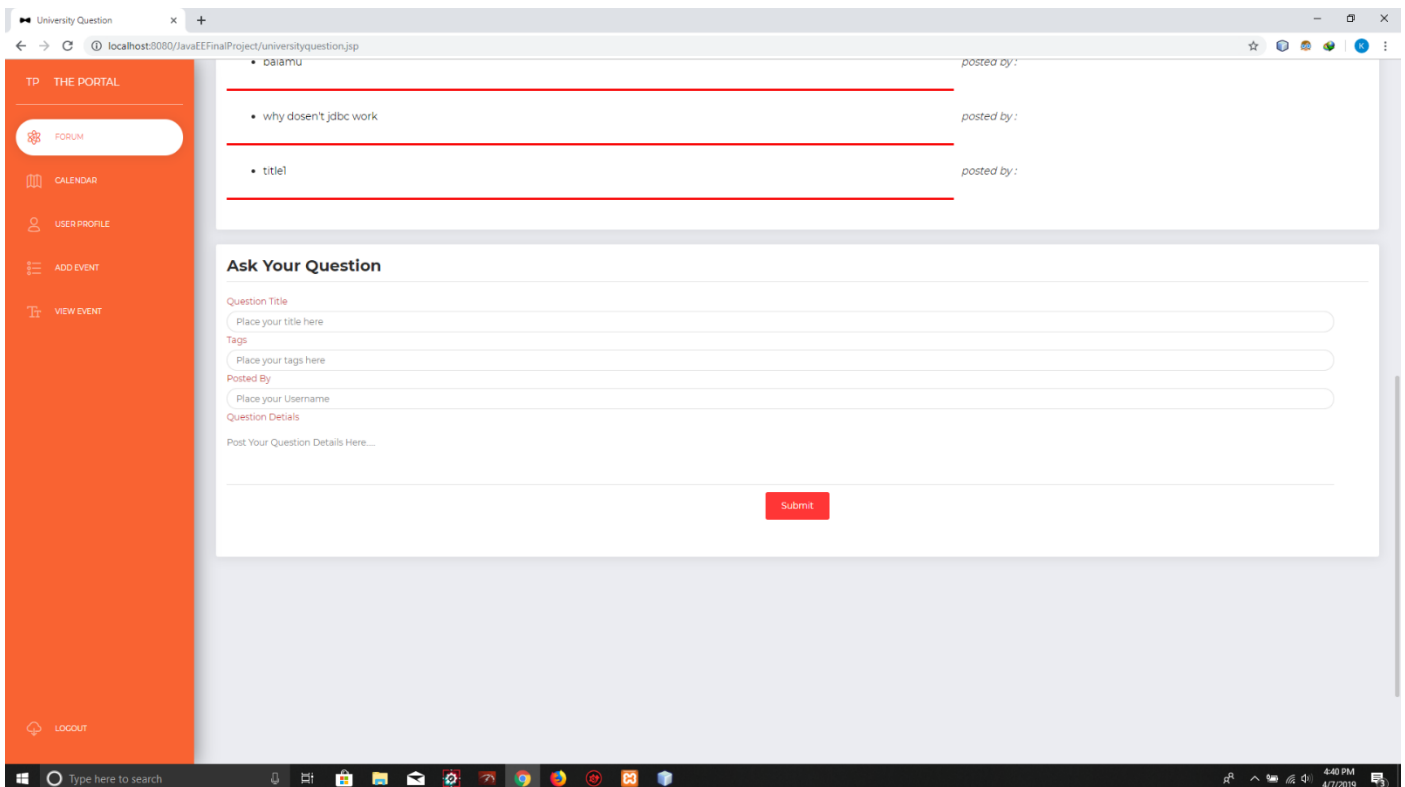
7.18 University Add Calendar Events



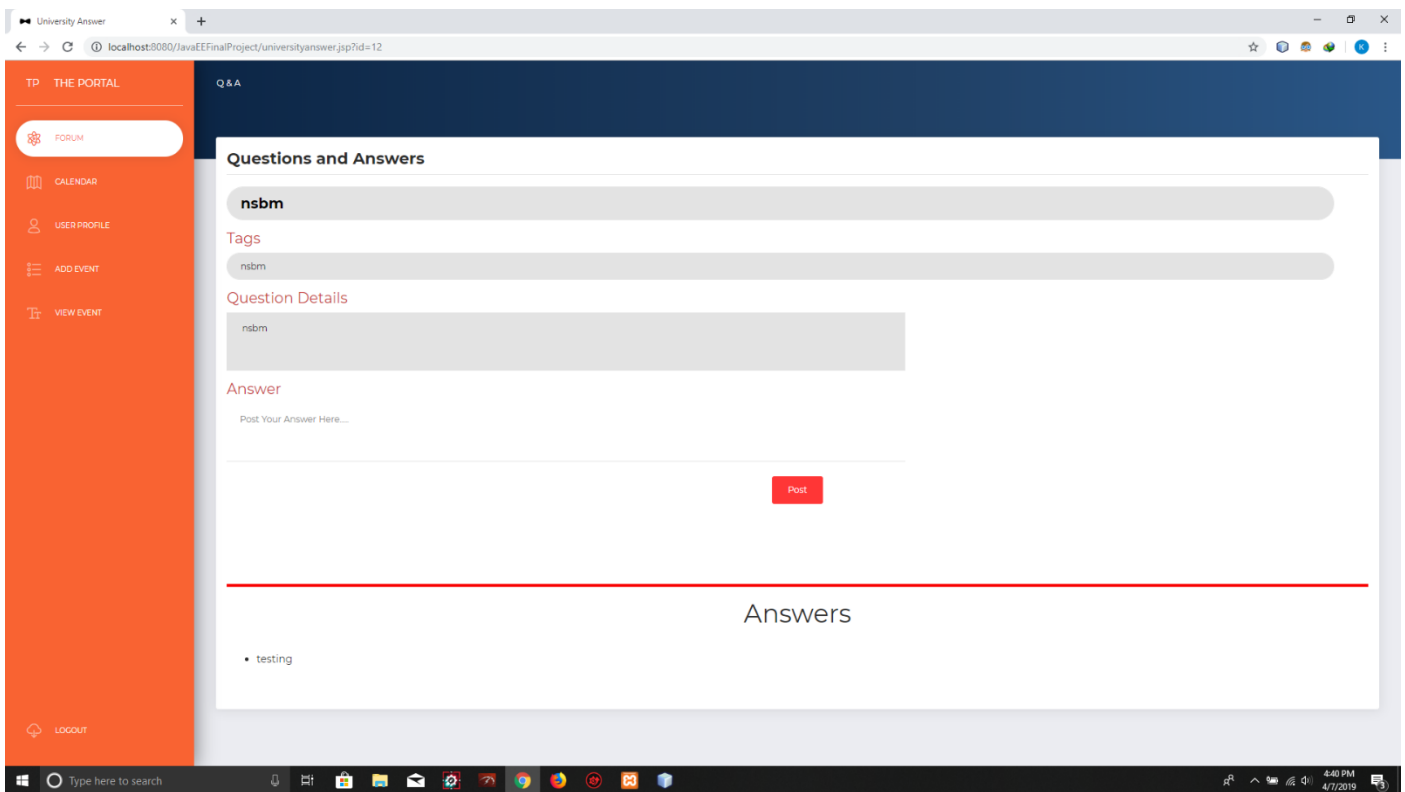
7.19 University Forum (Previously Asked Questions)



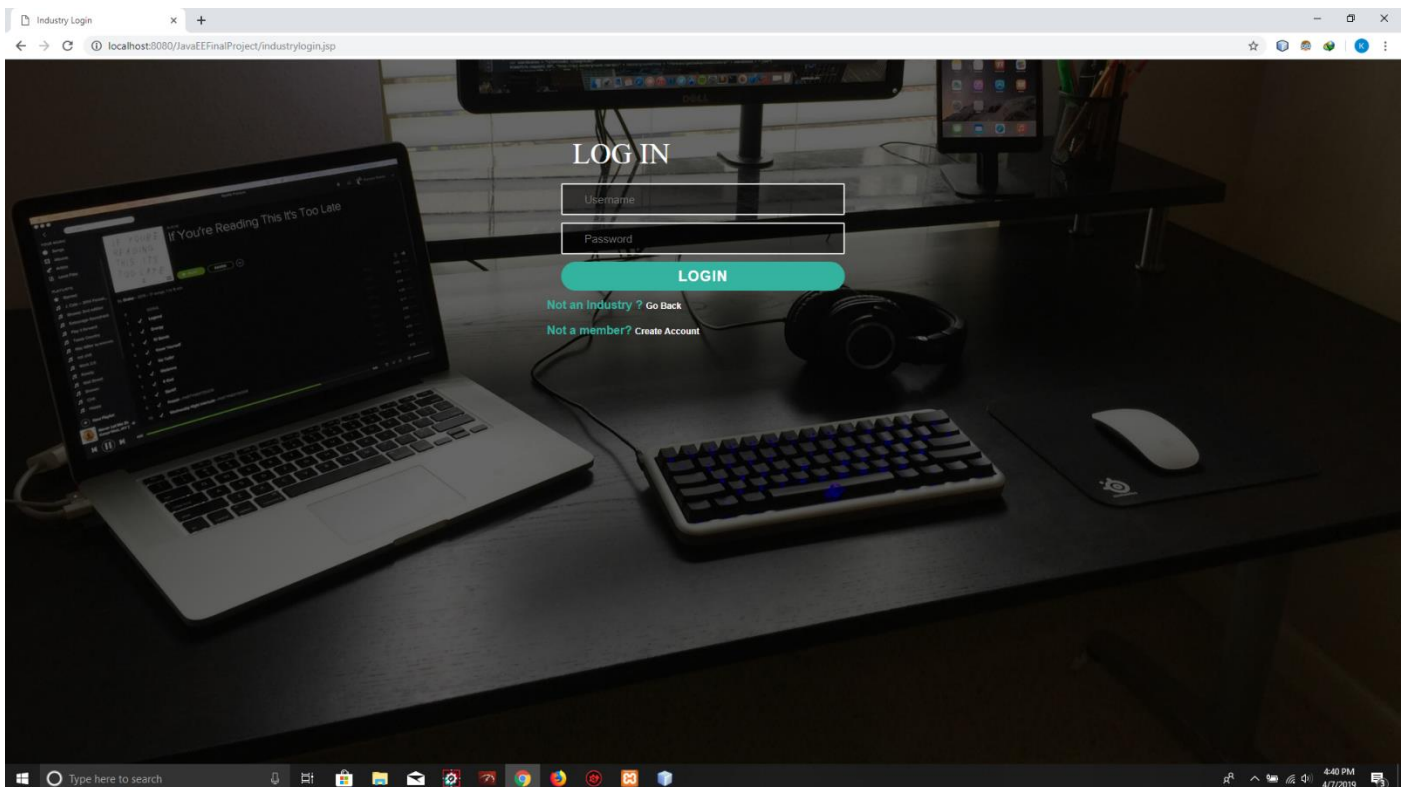
7.20 University Forum (Ask Questions)



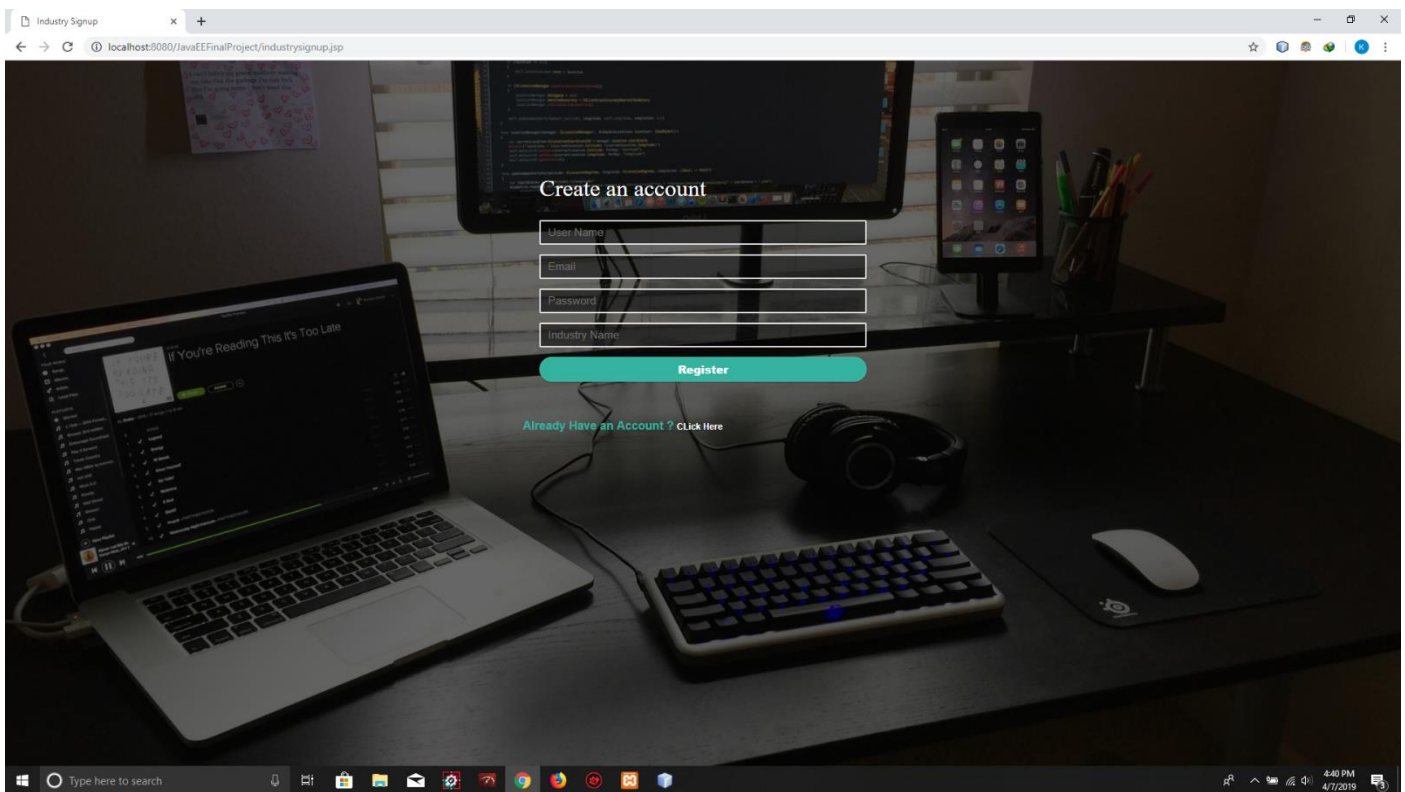
7.21 University Forum (Answer Questions)



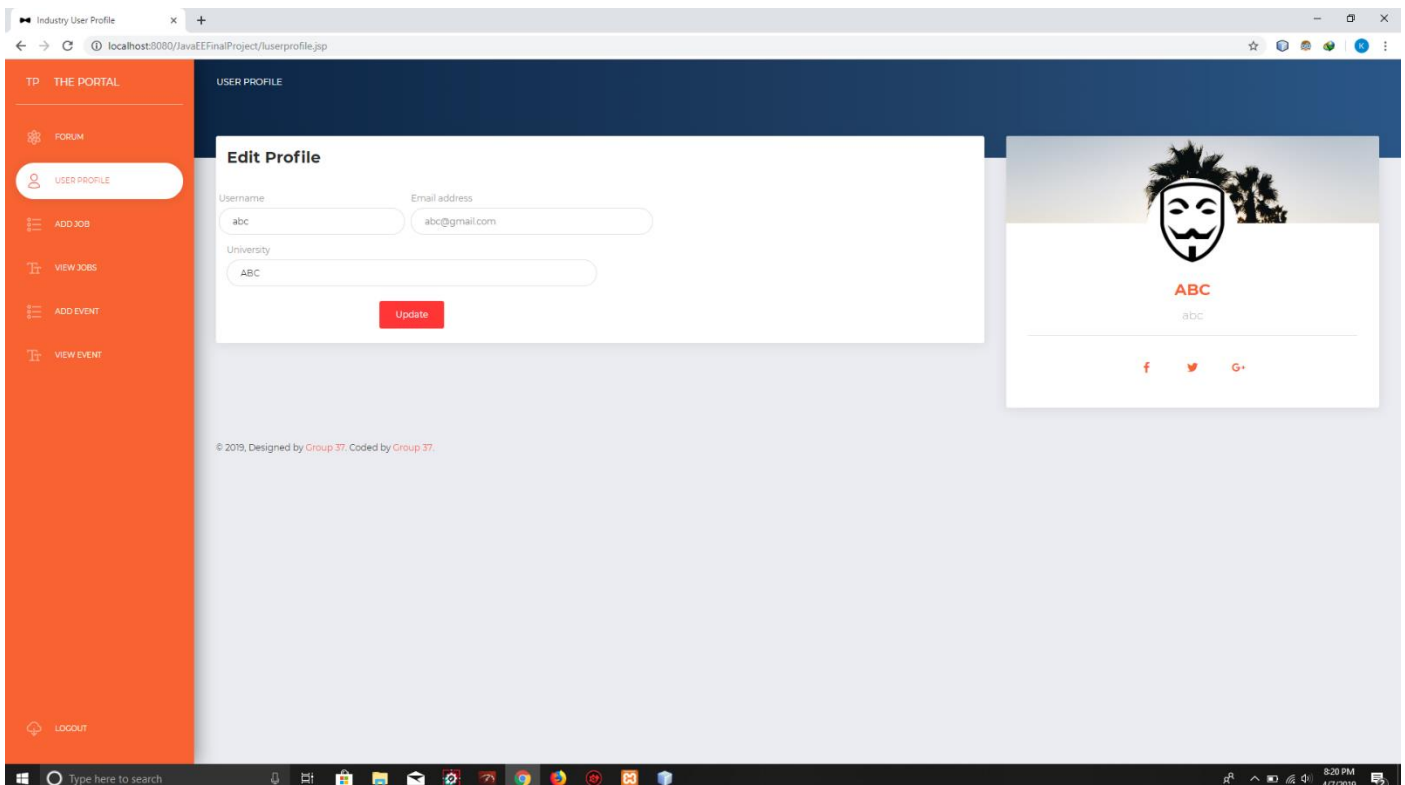
7.22 Industry Login



7.23 Industry Create Account



7.24 Industry User Profile



7.25 Industry Add Job Vacancies

The screenshot shows a web browser window with the URL `localhost:8080/javaEEFinalProject/laddjob.jsp`. The page has a dark blue header with the text "ADD JOBS". On the left, there is an orange sidebar with a menu containing "THE PORTAL", "FORUM", "USER PROFILE", "ADD JOB" (highlighted), "VIEW JOBS", "ADD EVENT", and "VIEW EVENT". At the bottom of the sidebar is a "LOGOUT" button. The main content area is a dark grey modal titled "ADD JOB DETAILS" with the following fields:

- Job ID:
- Company Name:
- Job Title: - Description:
- Qualifications:

At the bottom of the modal are three buttons: "submit", "reset", and "back". The Windows taskbar at the bottom shows the time as 8:28 PM on 4/7/2019.

7.26 Industry Forum (Previously Asked Questions)

The screenshot shows a web browser window with the URL `localhost:8080/javaEEFinalProject/industryquestion.jsp`. The page has a dark blue header with the text "Q & A". On the left, there is an orange sidebar with a menu containing "THE PORTAL", "FORUM" (highlighted), "USER PROFILE", "ADD JOB", "VIEW JOBS", "ADD EVENT", and "VIEW EVENT". At the bottom of the sidebar is a "LOGOUT" button. The main content area is a white modal titled "Questions and Answers" displaying a list of questions and answers:

Question	Posted by
dinesh	dinesh
testing final	kevva
virtusa	virtusa
nsbm	nsbm
kevva	kevva
aaaa	
11111	
testing1	
testing testing	
balamu	

The Windows taskbar at the bottom shows the time as 8:28 PM on 4/7/2019.

7.27 Industry Forum (Ask Questions)

The screenshot shows a web browser window with the URL `localhost:8080/javaEEFinalProject/industryquestion.jsp`. The page has an orange sidebar on the left with the following menu items: TP THE PORTAL, FORUM (selected), USER PROFILE, ADD JOB, VIEW JOBS, ADD EVENT, and VIEW EVENT. At the bottom of the sidebar is a LOGOUT button. The main content area is titled 'Ask Your Question' and contains the following form fields:

- Question Title:
- Tags:
- Posted By:
- Question Details:

A red 'Submit' button is located at the bottom right of the form. The footer of the page reads: '© 2019, Designed by Group 37. Coded by Group 37.'

7.28 Industry Forum (Answer Questions)

The screenshot shows a web browser window with the URL `localhost:8080/javaEEFinalProject/industryanswer.jsp?id=15`. The page has the same orange sidebar as the previous screenshot. The main content area is titled 'Questions and Answers' and displays the following information:

- Question Title: dinesh
- Tags: dinesh
- Question Details: dienshshvfkseidsefsc

Below the question details is an 'Answer' section with a text input field labeled 'Post Your Answer Here...' and a red 'Post' button. At the bottom of the page, there is a section titled 'Answers' which currently shows a single answer by 'keva'.

7.29 Industry Add Event

Industry Add Event

ADD EVENTS

ADD YOUR EVENT

Event Title:

Description:

Date:

Choose Image: No file chosen

Contact No:

TP THE PORTAL

FORUM

USER PROFILE

ADD JOB

VIEW JOBS

ADD EVENT

VIEW EVENT

LOGOUT

7.30 Industry View Event

Industry View Event

localhost:8080/ashminiproject/lviewevent.jsp

DASHBOARD

Events

Search...

2019-04-09 View Details

3

2

1

TP THE PORTAL

FORUM

USER PROFILE

ADD JOBS

VIEW JOBS

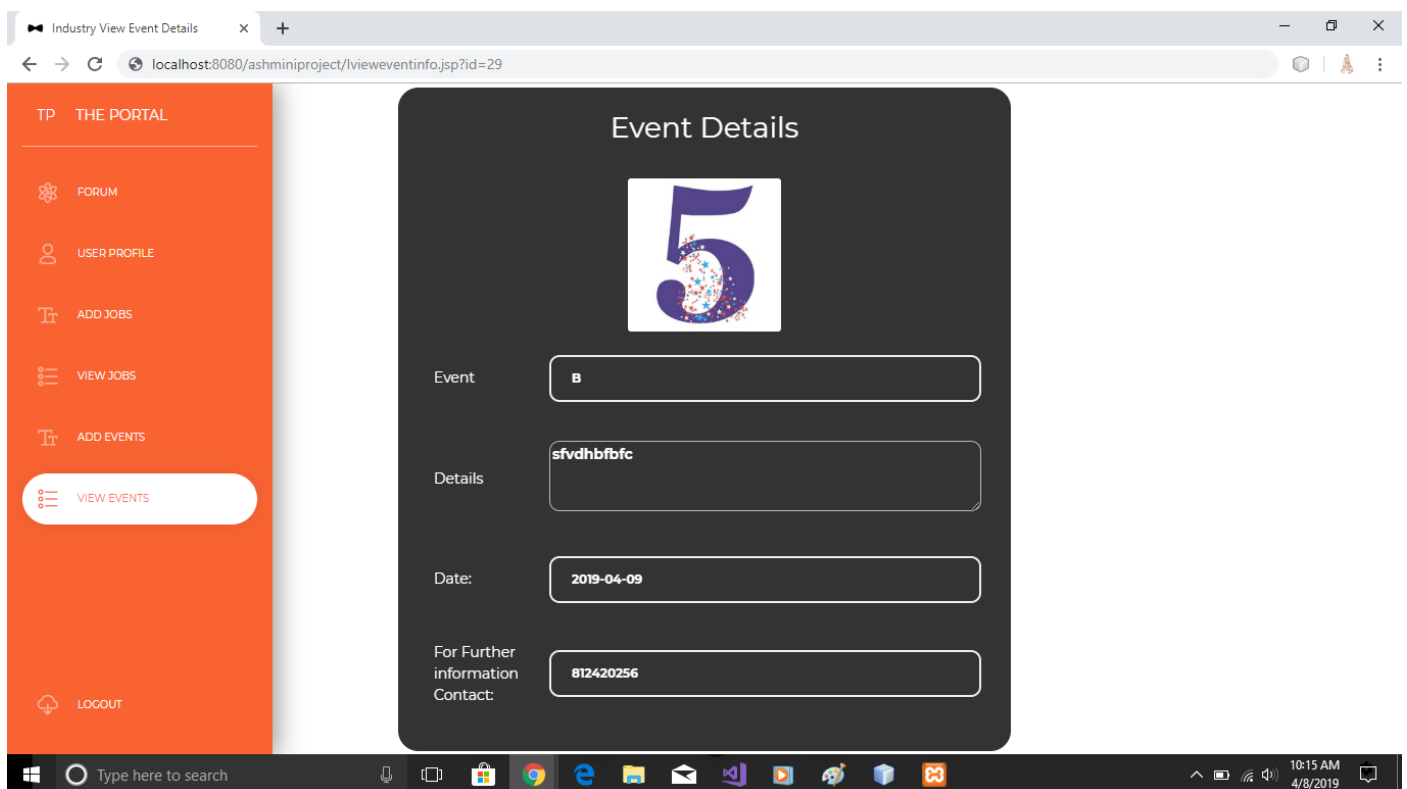
ADD EVENTS

VIEW EVENTS

LOGOUT

localhost:8080/ashminiproject/newjsp_DescDisplay.jsp?id=29

7.31 Industry View Event Info



8. Hardware and Software Specification

8.1 Hardware Specification :

- A computer/mobile device with internet access with minimum 8KB/s speed
- Minimum 512MB RAM is required




8.2 Software Specification :

- Software Development Tools : NetBeans IDE 8.2
- Database Connectivity : XAMPP version 3.22 (MySQL)

9. Conclusion

Since Sri Lanka doesn't have proper university-industry collaboration System. So the university students, industry people and universities become incapable of getting information. Students, academic and non-academic staff of universities become incapable of getting information about industries as well as other universities. Besides, industries become incapable of getting details and fails to interact with universities. To overcome this issue, we developed a proper university-industry collaboration website which helps to This site has given functionalities which keeps both college students and industry individuals mindful about pretty much every movement which occurs in every substance.

10. Workload Matrix

Index number	Login and Signup	Questions and Answer Forum and User Profiles And Session Handling	Add Job and View Job and Add Event and View Event	Add Calendar and View Calendar
Student 1 10638286				
Student 2 10638202				
Student 3 10638282				
Student 4 10638317				