

# INTERIM REPORT

## GROUP 25

SCS 3214 / IS 3113: Group Project II - 2021



# **SCS 3214 / IS 3113: Group Project II - 2021**

## **Interim Report**

**Project Title:**

### **Project Group Details**

1. Group number: G25
2. Group members:

<b><i>Name</i></b>	<b><i>Reg. Number</i></b>	<b><i>Index Number</i></b>	<b><i>Email address</i></b>	<b><i>Mobile Phone</i></b>
(i) P. H. Mallikarachchi	2018CS099	18000991	praveen.himantha@gmail.com	0712523497
(ii) H.T.P.C. Sooriyabandara	2018CS164	18001645	2018CS164@stu.ucsc.cmb.ac.lk	0714706525
(iii) H. P. N. Aravinda	2018CS015	18000152	2018cs015@stu.ucsc.cmb.ac.lk	0710932336
(iv) W.G.S.L.Bandara	2018CS023	18000231	swelikotuwa@gmail.com	0767822840
(v) R. L. Udayanga	2018IS085	18020852	rl.udayanga96@gmail.com	0779107462

## **Details of Project Supervisor, Co-supervisor, Advisors and Clients**

### **Project Supervisor (Academic Staff of UCSC):**

Name of the supervisor: Dr (Ms) L N C De Silva

Signature of the supervisor:

Date:

### **Project Co-Supervisor (Assigned by Course Coordinator):**

Name of the co-supervisor: Mr.Roshan Abeyweera

Signature of the co-supervisor:

Date:

### **Project Advisors: (External industry advisors, if any)**

(Please provide, Name, Organization, email address and institute)

1. .....
2. .....
3. .....

### **The client of the Project (If applicable, otherwise supervisor will be considered as the client)**

Name of the client: Ms. Nimali Wasana Hettiarachichi

Address of the client: Professional Development Center, UCSC

Contact person at client:

Contact number of the contact person:

e-mail address of the contact person:

# Table Of Content

## **Project Details**

Project Title:	4
The Goal and Objectives:	4
Problem Definition and Motivation	4
The scope of the project	5
In Scope	5
Out Scope	6
Feasibility Study	6
Operational Feasibility	6
Legal and Ethical Feasibility	7
Schedule Feasibility	7
Systems Architecture	8
Requirements Specification	8
7.1 Stakeholders	8
7.2 Use Case Diagram.	9
7.3 ER Diagram	9
7.4 Component Diagram	12
User Interfaces	24
Main deliverables of the system	36
The Project Plan	36
References	37
Declaration	37

## **Project Details**

### **1. Project Title:**

UCSC Virtual Career Fair Management System

### **2. The Goal and Objectives:**

The UCSC Career fair is a vital student activity conducted annually by fourth-year undergraduates in collaboration with the Professional Development Center (PDC). Due to the social distancing regulations in the current pandemic situation, organizing a physical career fair had become tedious and unrealistic during the past year.

Hence our primary goal is to make a platform where virtual career fairs can be organized and conducted amidst the current situation in the country while adhering to physical distancing. The virtual nature will also allow a broader community, both companies, and candidates to participate in the event without any significant restrictions.

We intend to achieve the main goal through the following sub-objectives. The intended platform will,

- connect all stakeholders, including companies, PDC, final year undergraduates, and graduates,
- handle candidate and company registration,
- facilitate the graduates and the final year undergraduates of UCSC to submit CVs, receive information relevant to job vacancies, and apply for related job vacancies,
- CV shortlisting and facilitate companies to schedule and conduct career interviews during a specific period (Career Week),
- generate numerous reports required by PDC for decision-making purposes and increase the traceability within the whole process.

### **3. Problem Definition and Motivation**

The current pandemic situation created a drastic impact on the physical activities conducted by the universities. There is an existing career fair system in ucsc, and it can only upload the CVS and companies can post the advertisement and it only allows registration for both student and company.

And that system is not enough to conduct the virtual career fair. The career fair organized by the fourth-year students and PDC is one such activity that had a significant impact due to the banning of gatherings and social distancing.

During the past few years, the career fair was done physically at UCSC in the presence of limited resources. There is a high demand among the companies to participate in this event. However, due to the space limitations in the physical setting, a limited number of companies were given the opportunity to participate in the career fair as well.

The UCSC Career fair program consists of several activities as mentioned below,

- Request for the registrations from the interested companies to participate in the career fair program.
- Send an invite for the respective candidates to register for the career fair.
- Call and handle job advertisements from the respective companies
- Allow candidates to apply for the job adverts within a specified time.
- Process the CVs by the respective company and call the candidates for interviews.
- Publish the interview schedules and conduct the interviews online.
- Notify the candidates regarding the selection process.
- Make the candidates' CVs unavailable once they were selected and the candidate consent was provided.

The above-mentioned UCSC career fair process is mainly done through physical meetings and a simple mobile application. The existing mobile application is developed by the students at UCSC and is used mainly to handle the CVs submitted by the candidates and thereby to make them available for the registered companies. However, best to our knowledge, it does not handle the entire process if this is to be carried out virtually.

Conducting a virtual career fair is the best solution in the current context. Thereby, it should have a proper platform connecting the major parties in this process to organize the event successfully. This will also address the issue of limiting the number of participants including both candidates and companies in the physical setting.

Our solution to this problem is developing a complete software system connecting PDC, IT companies, graduates, and the final year undergraduates to virtually handle the UCSC career fair program.

## 4. The scope of the project

### In Scope

**A web-based application will be developed to connect the following stakeholders of the system.**

- Final year undergraduates and graduates of UCSC who are looking for a job placement
- IT-based Companies who are willing to recruit new candidates
- Professional Development Center (PDC) who is responsible for handling the annual career fair.
- Career fair organizing committee members who will facilitate the organizing of the event.

**The Final year undergraduates and graduates of UCSC shall be able to**

- request to register for the career fair,
- view all advertisements for company vacancies,
- filter advertisements based on their preferences,
- apply for the vacancies by uploading their CVs,
- get notifications once being called for the interviews,
- accept/reject the job offer based on the preference.

**The relevant companies shall be able to**

- Request to register for the career fair,
- Upload video/other materials about the company and resources for candidates,
- Upload advertisements for company vacancies,
- View candidate CVs of those who applied for the job vacancies,
- Schedule and notify candidates for interviews based on their availability,
- Notify candidate selection,
- Update the current status of the vacancy.

**The PDC shall be able to,**

- authorize companies and students requested a registration,
- notify companies and candidates regarding the events,
- send invitations about the inauguration ceremony of the career fair,
- view all registered companies and their profiles,
- view all registered candidates and their profiles/CVs,
- view all candidates who got/not selected from companies,
- view the interviews scheduled by the respective companies,
- Receive complete reports about the whole process.

**The Organizer shall be able to,**

- notify companies and candidates regarding the events,
- send invitations about the inauguration ceremony of the career fair,
- view all registered companies and their profiles,
- view all registered candidates and their profiles/CVs,
- view all candidates who got/not selected from companies,
- view the interviews scheduled by the respective companies,

**Out Scope**

- Facilitate video meeting conferences.

## **5. Feasibility Study**

### **Operational Feasibility**

The Career Fair system is an existing problem for the PDC. Our new system will fulfill these requirements. At present, a career fair for the students is done physically. We propose a web-based system for this problem.

Nowadays, graduate students come to the physical career fair and companies come too. Students can apply for job vacancies and companies can conduct interviews. In our system, they can do almost all those things online. They do not meet physically but they do all of that through their interviews and online from home.

Companies can register in our system and PDC will verify them. Also, students can register in our system. PDC verifies them too. Companies can advertise their vacancies via a system and students can apply for those vacancies.

At present students' hand over their CVs to UCSC. Then PDC checks those and sends them to the related companies. Our purpose is that students can send their CVs through the system and companies can review their CVs and give some responses to them. And companies can select students as their preference, or they can arrange interviews via the system. After that companies can inform selected students via the system to UCSC and the students. After all these, we think we can fulfill these problems. So, this is operationally feasible. Because now all those things are done manually. We are supposed to do it in a virtual environment. Therefore, this is very feasible.

Virtual career fair management System is a web-based system that we hope to implement using React due to the curiosity of our team members to learn new teams.

For the database, MySQL will be used. Because it is relative and well structured. We use GitHub for version control. There is a secure store, and we can all contribute to the same repo.

We all covered the basic programming concepts of the study session and gained knowledge of coding through our second-year group project. You can also get help with online tutorials for our project. Also, the Wi-Fi connection of an existing simple laptop / desktop computer and open-source software is not sufficient to build the proposed system. All users associated with our proposed system are from IT backgrounds. So, they use the system without any difficulty. Therefore, the proposed method is technically feasible.

### **Legal and Ethical Feasibility**

Data protection is becoming an increasingly vital issue for the users of websites. As our system is also designed to acquire personal details of the users e.g.: names, addresses, email addresses and phone numbers so, we ensure that private and confidential information is only visible to administrators. The interests and the details of the students and companies are confidential, and this data won't be used for any other purpose or to be sold. We try not to violate any rules under the law. If we can do that this system is legally and ethically feasible.

## Schedule Feasibility

This feasibility test examines whether project deadlines can be achieved under technical specificity. Our proposed scheme will take five months to complete from May to September as follows.

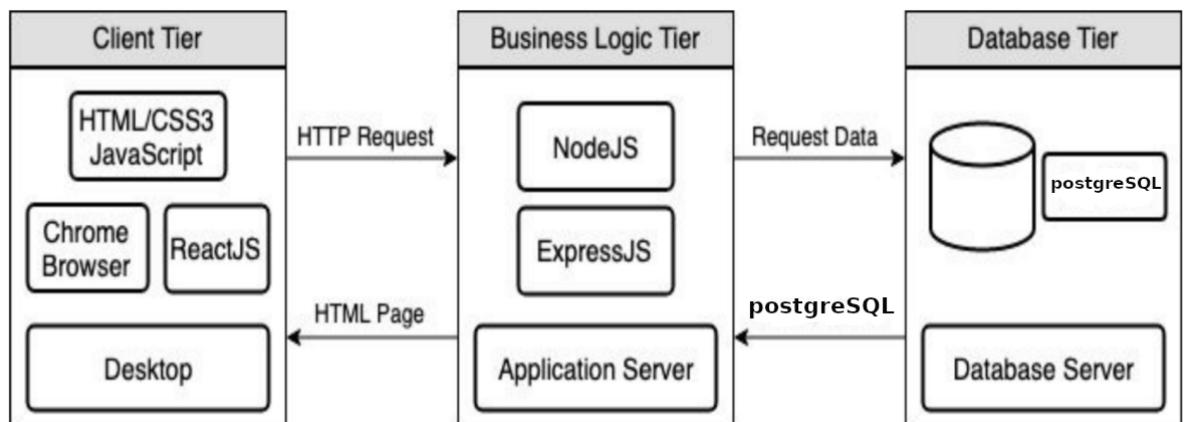
Task	Plan Duration (Weeks)	Present Completed	May		June		July		August		September							
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Finding Project	2	100%	■	■														
Requirement Gathering	4	50%		■	■	■	■											
Feasibility Study	2	50%																
Studying Technologies	8	20%			■	■	■	■	■	■	■	■						
Project approval process	2	50%			■	■	■											
Use case modelling	2	0%				■	■											
Planning basic system Architecture	2	0%					■	■	■									
Designing user interfaces	4	0%					■	■	■	■								
Implement user interfaces	8	0%					■	■	■	■	■	■	■	■				
Implement database design	10	0%					■	■	■	■	■	■	■	■	■			
Connecting UI and databases	8	0%						■	■	■	■	■	■	■	■			
Testing	2	0%				■	■	■	■	■	■	■	■	■				
Deployment	1	0%													■			

Complete

■ Not Complete

■

## 6. Systems Architecture

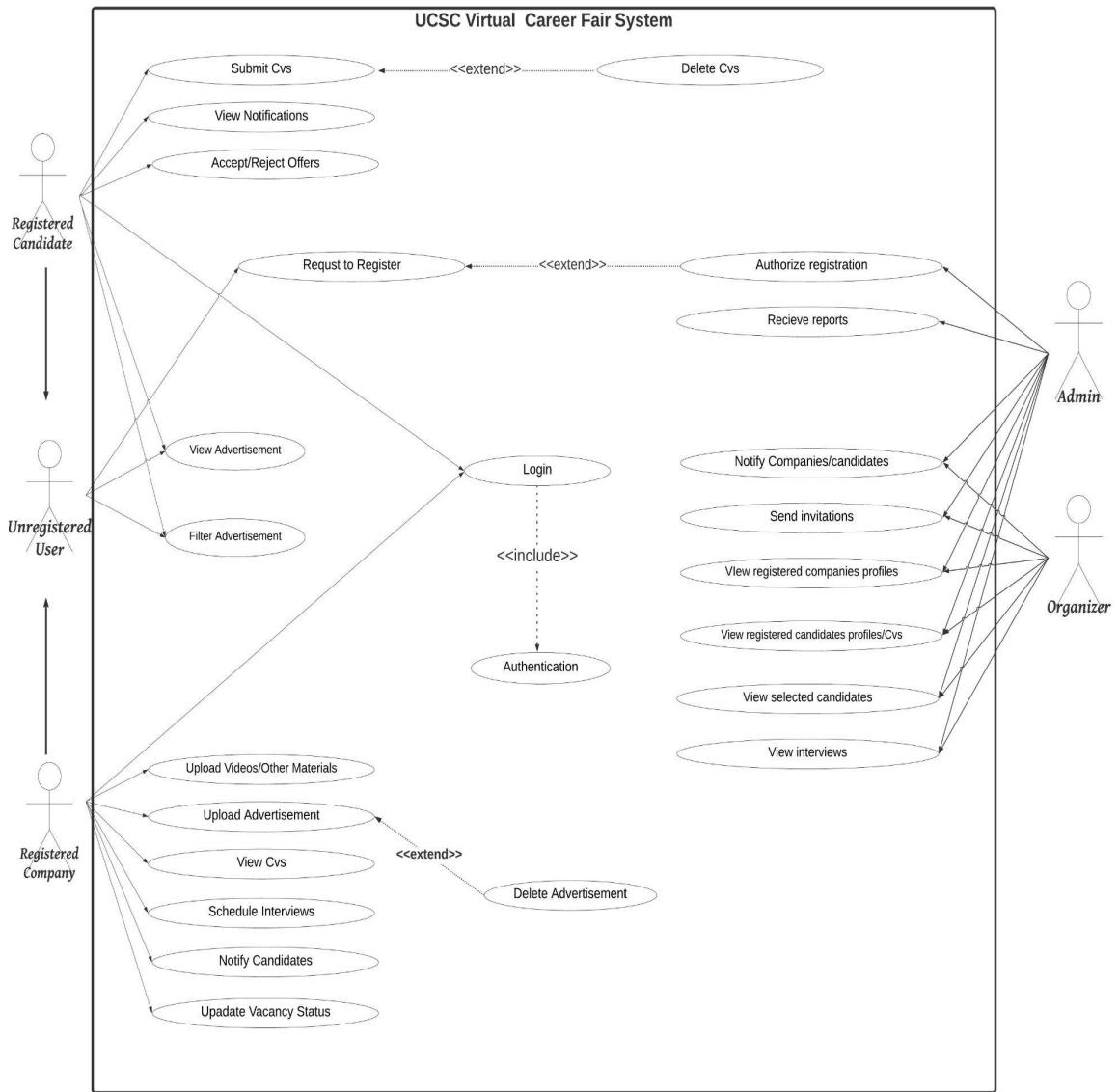


## **7. Requirements Specification**

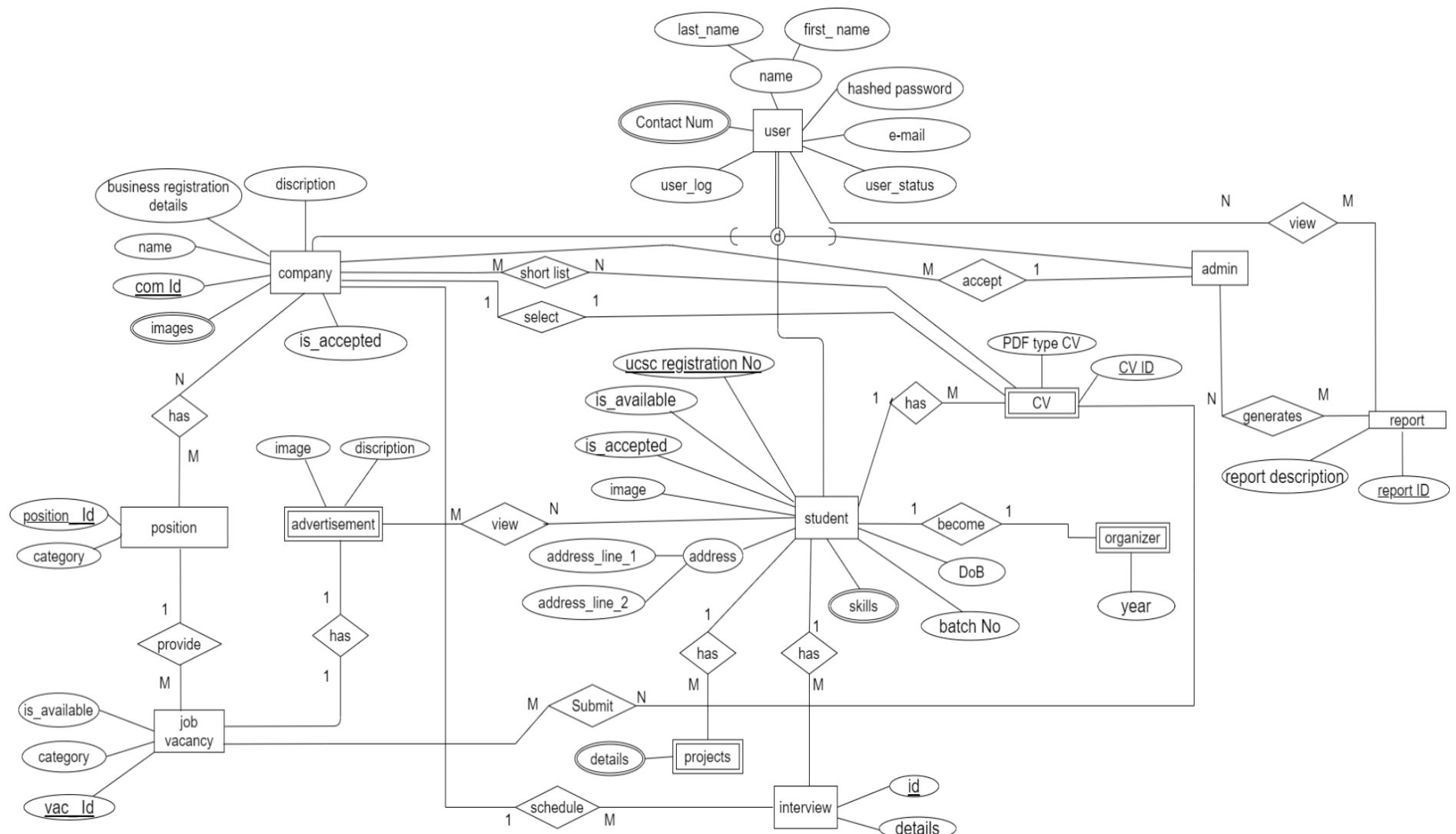
### **7.1 Stakeholders**

The system will have the following main user roles.

- Unregistered User
- Registered Candidate
- Registered Companies
- Admin
- Organizer

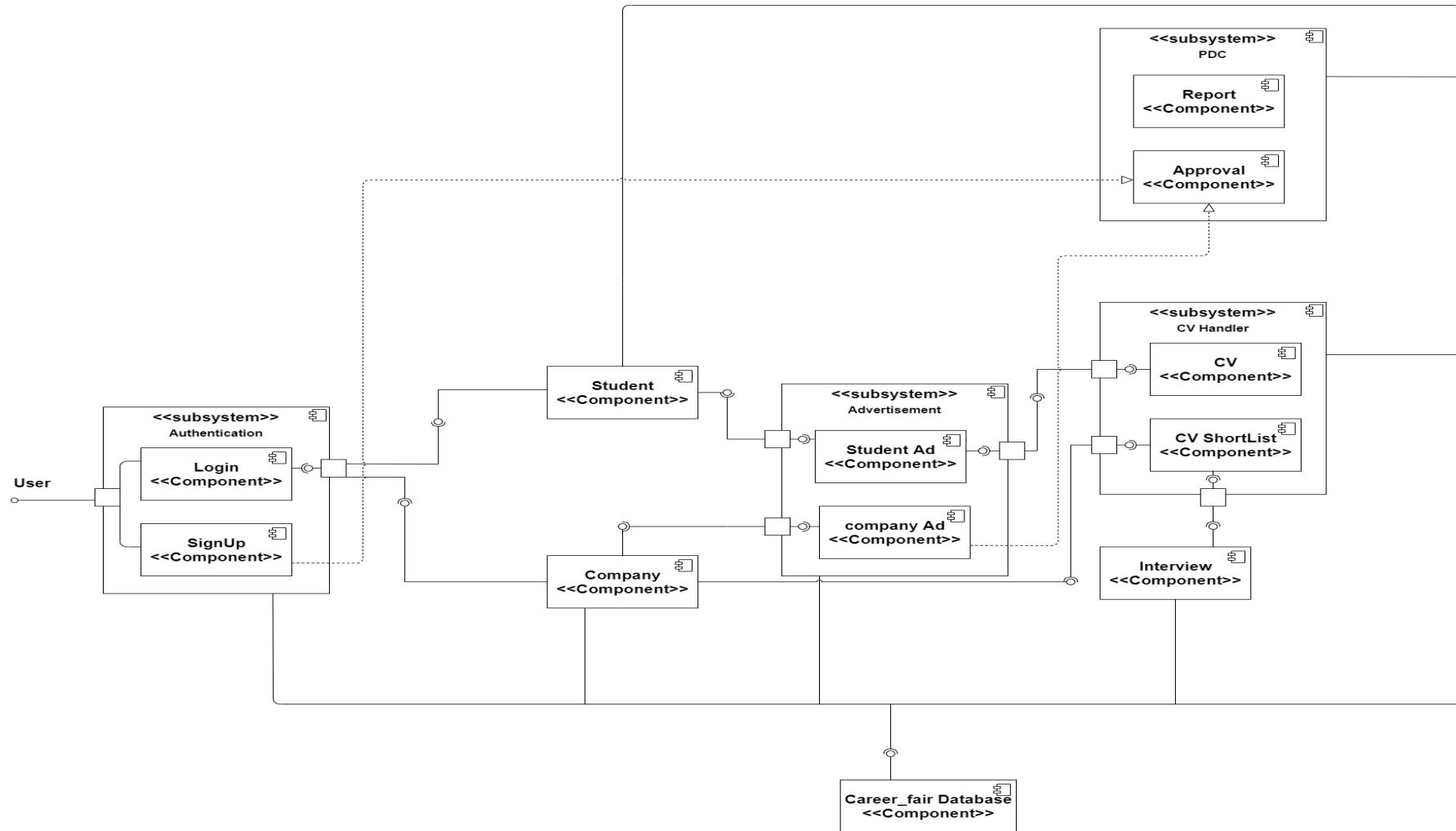


## 7.2 Use Case Diagram.

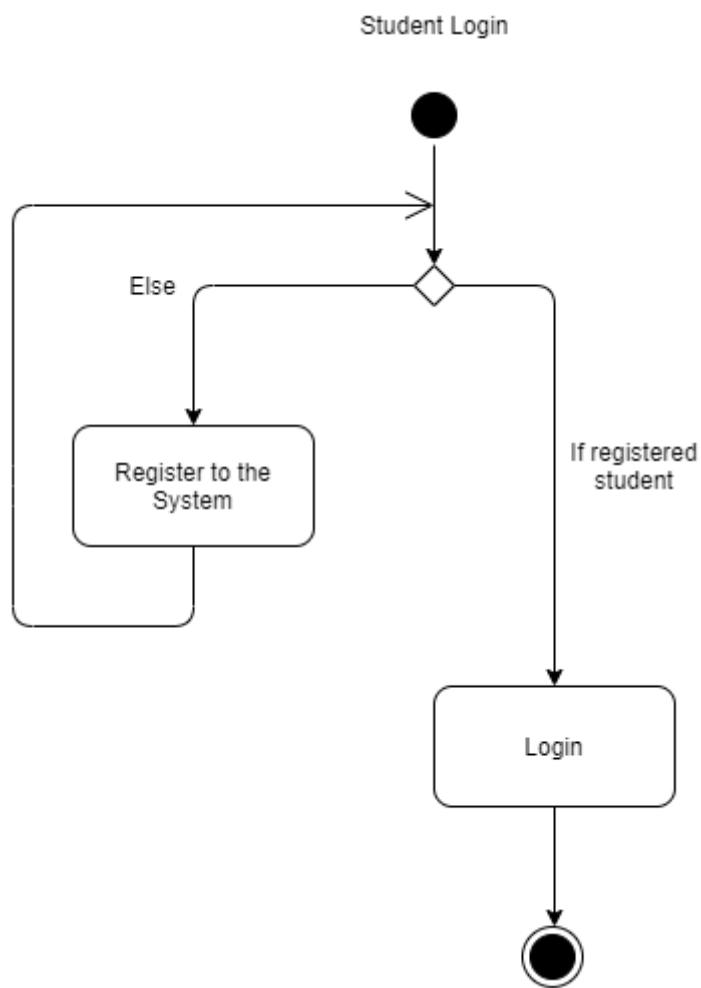


### 7.3 ER Diagram

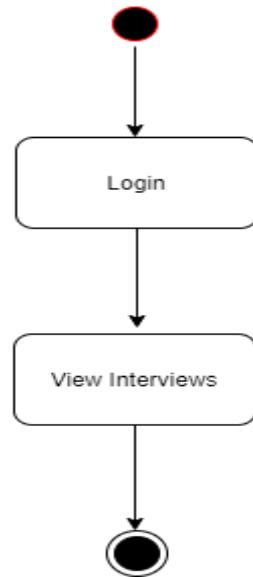
## 7.4 Component Diagram



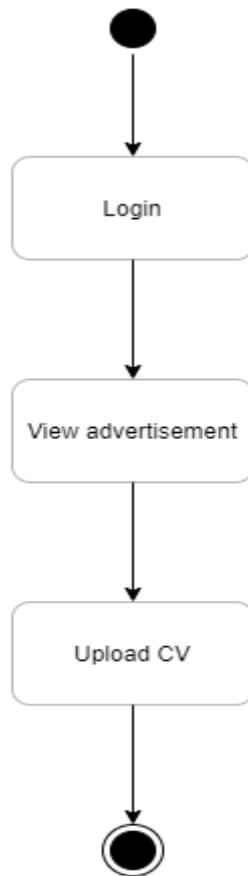
## 7.4 Activity Diagrams



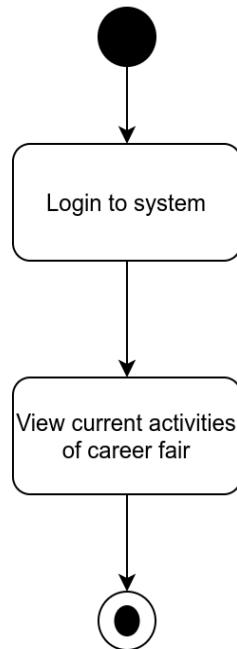
View Interviews



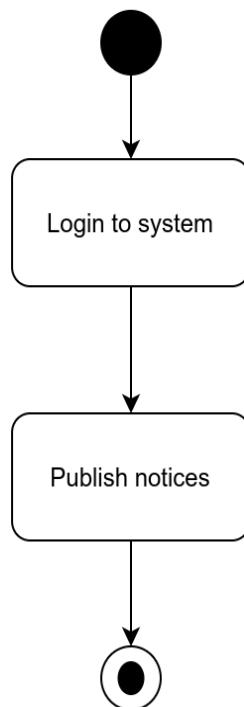
View advertisement & CV  
upload



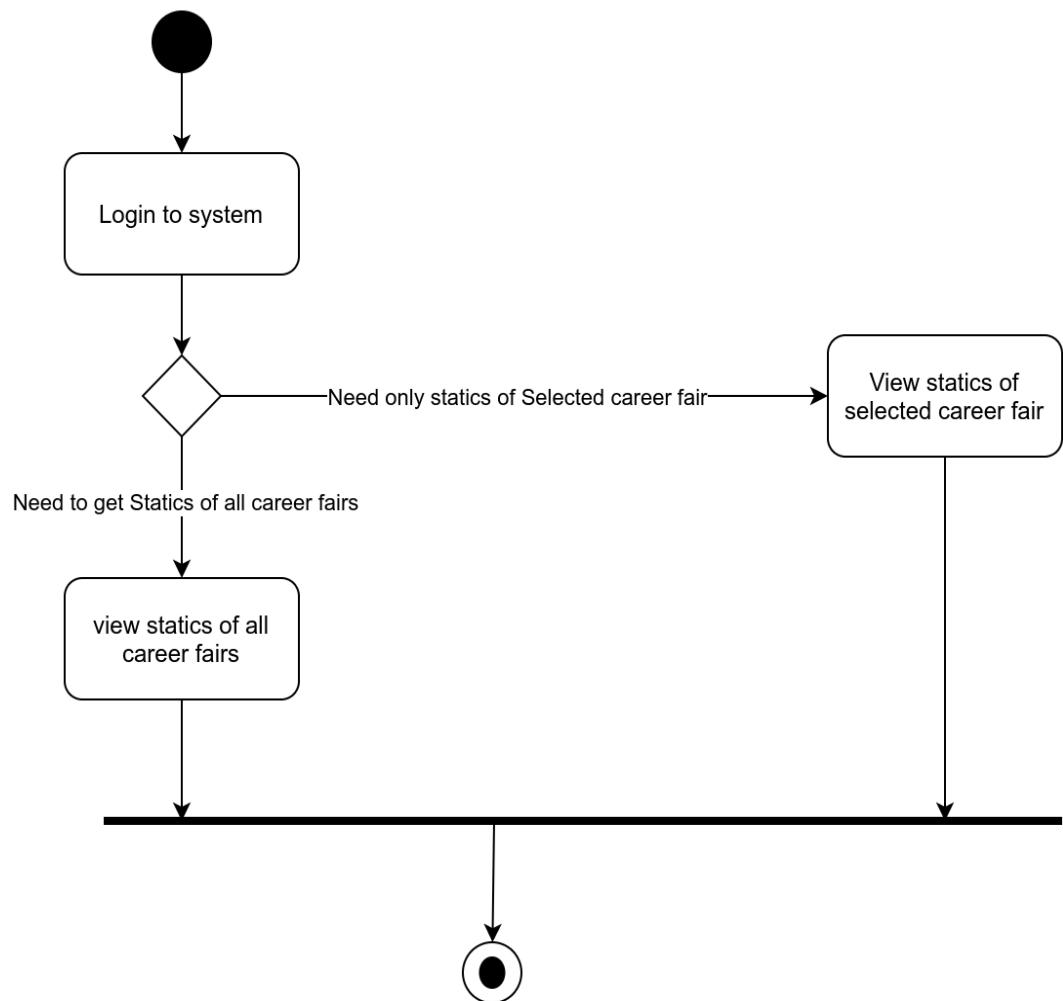
Organizer  
View Current status



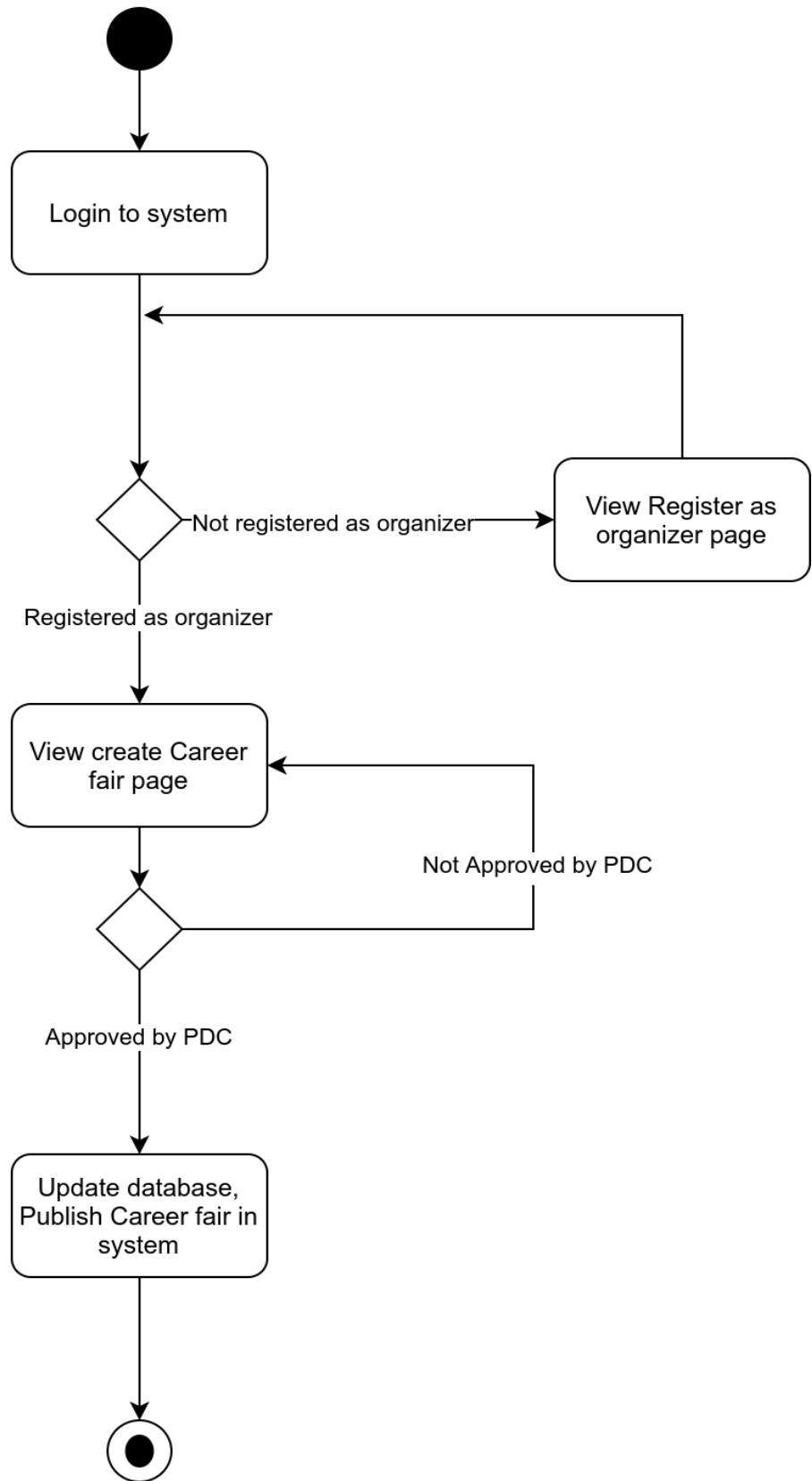
Organizer  
Publish notices



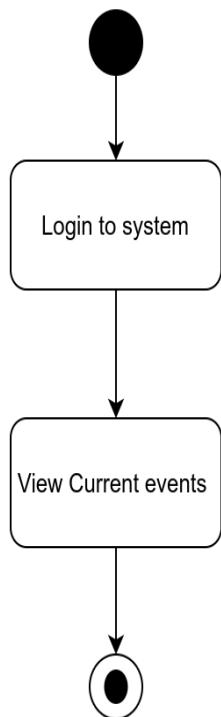
PDC Admin/Coordinator  
View statics



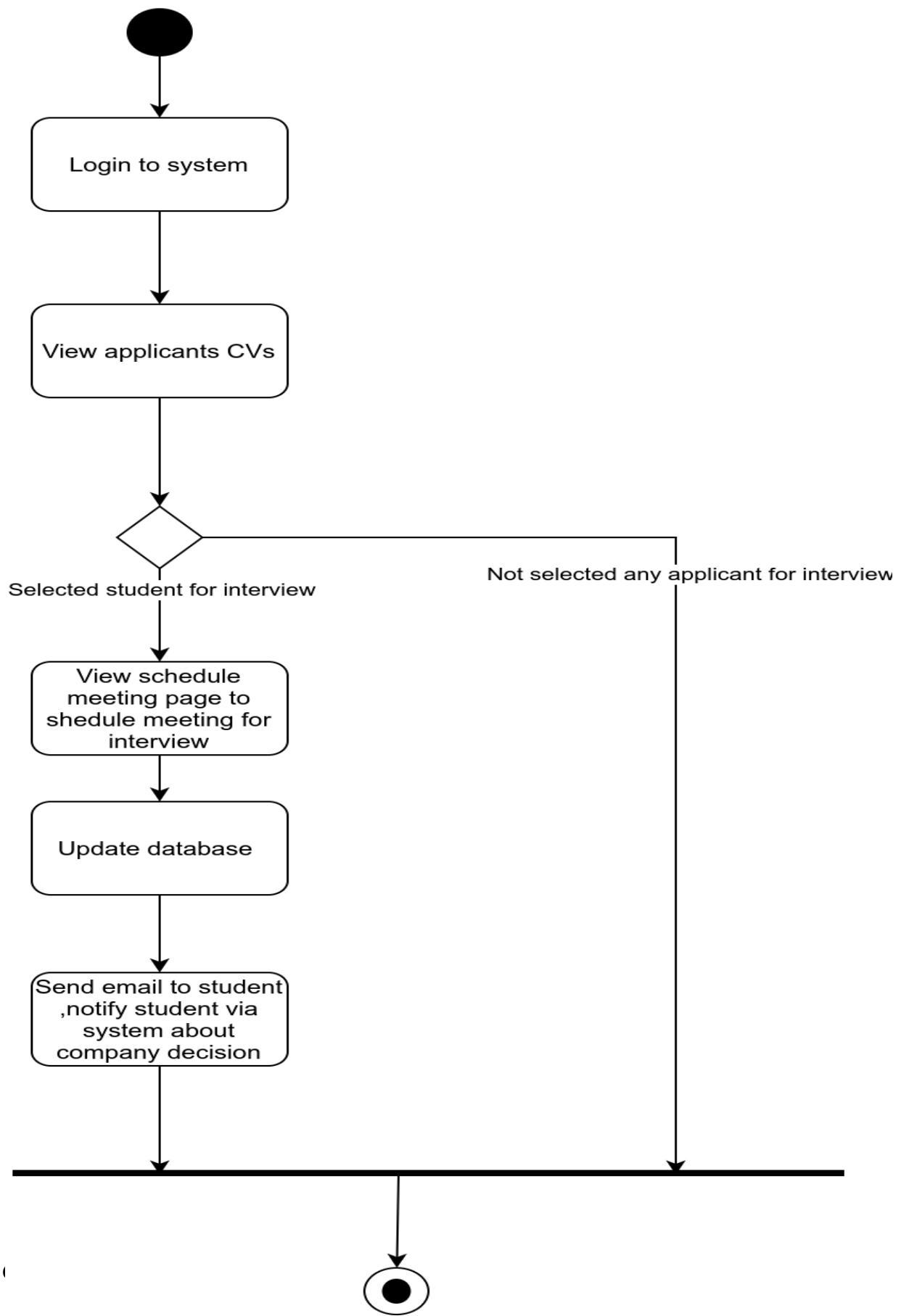
Organizer  
Organize Career fair



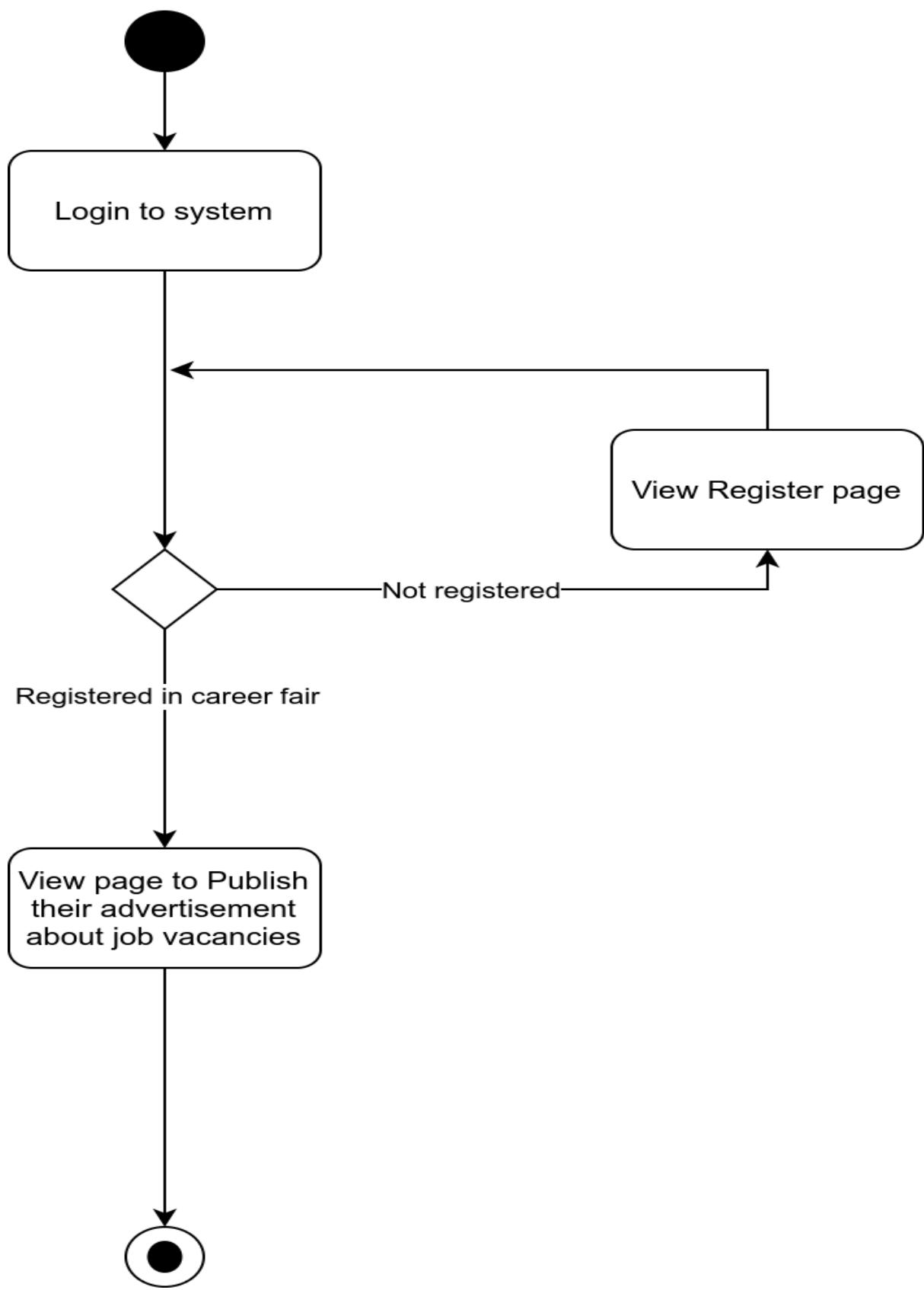
PDC Admin/Coordinator  
View current events in career fair



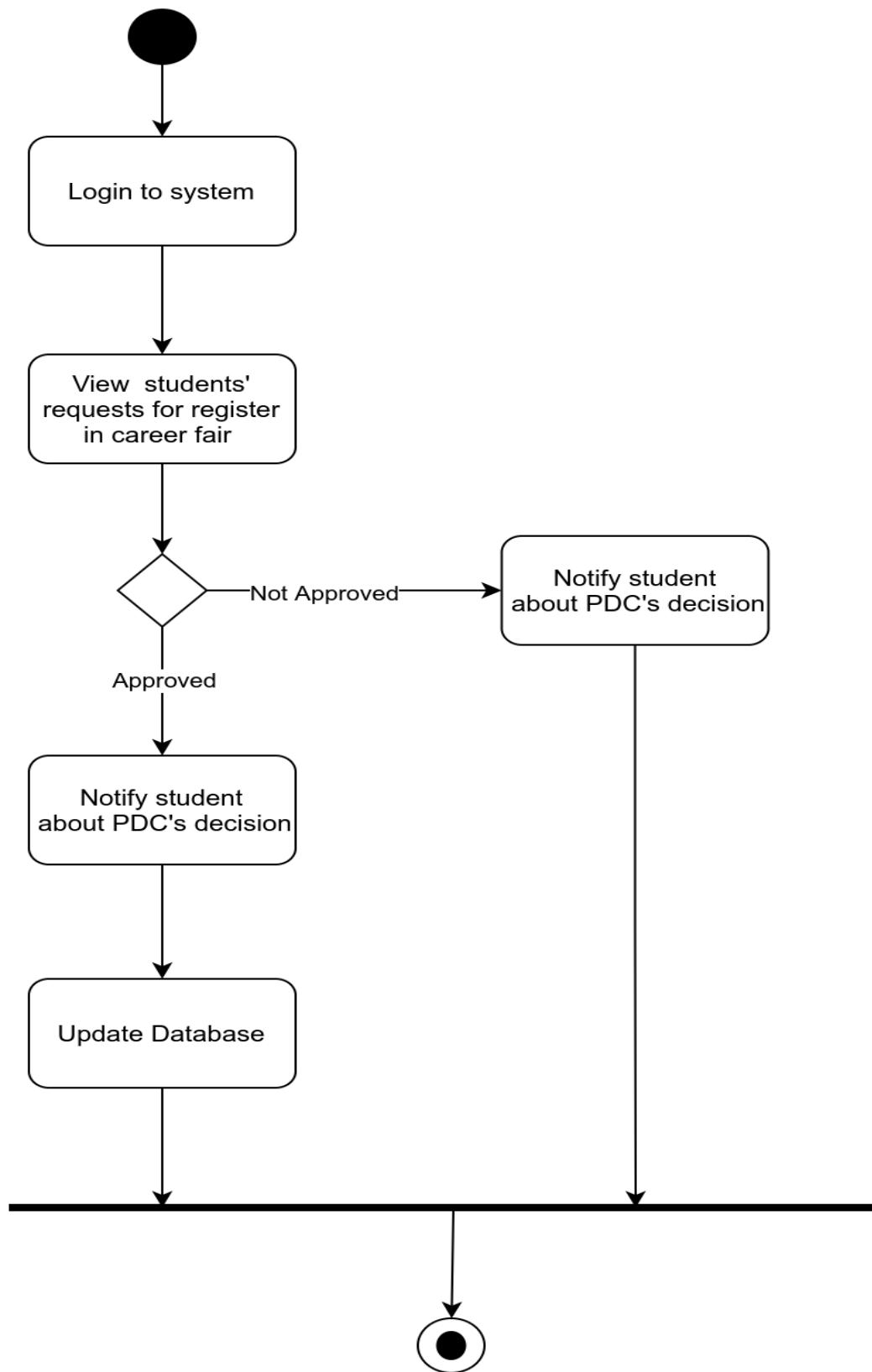
Company  
Select applicant for Interview



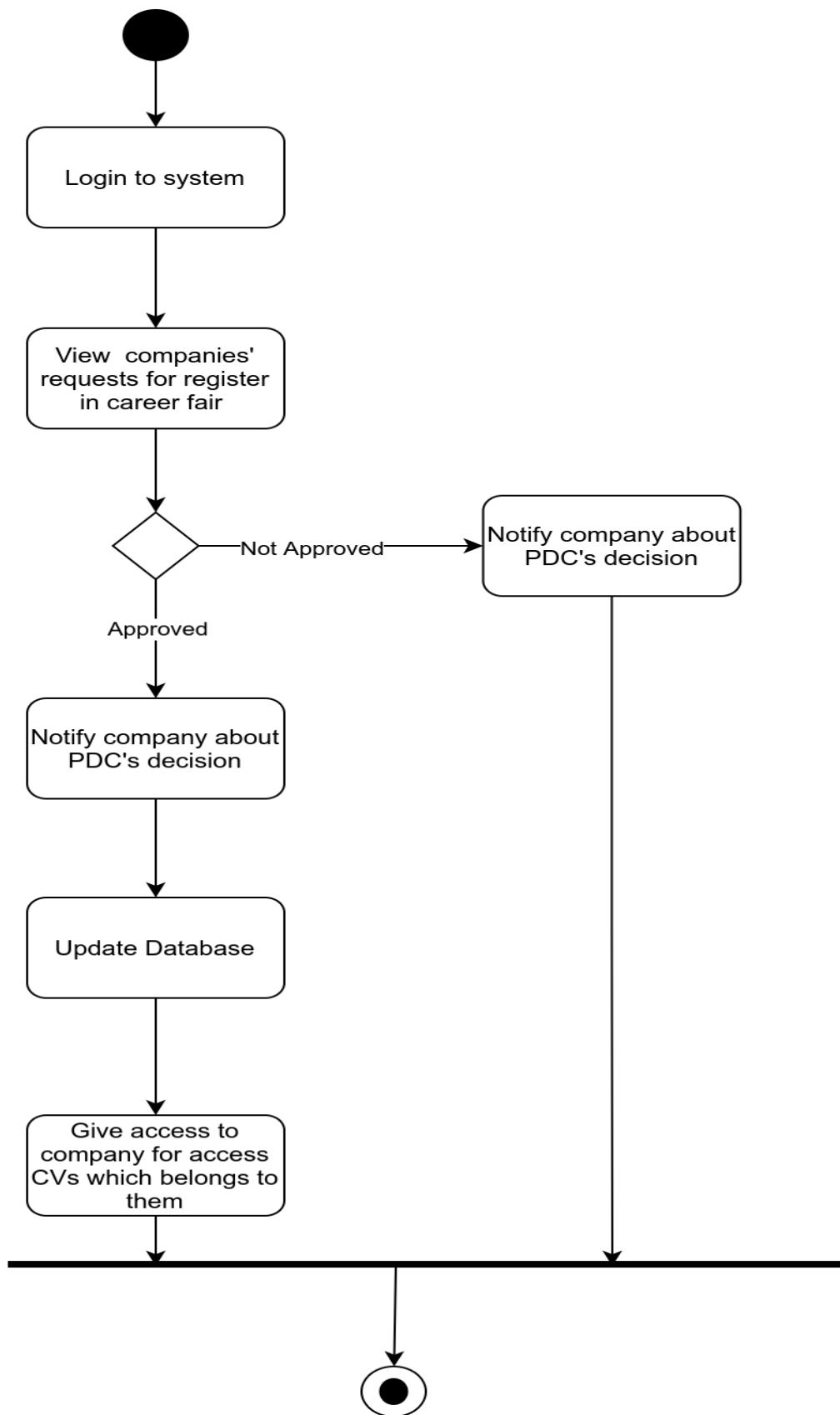
Company  
Publish Job advertisement



PDC Admin/Coordinator  
Approve students



PDC Admin/Coordinator  
Approve companies



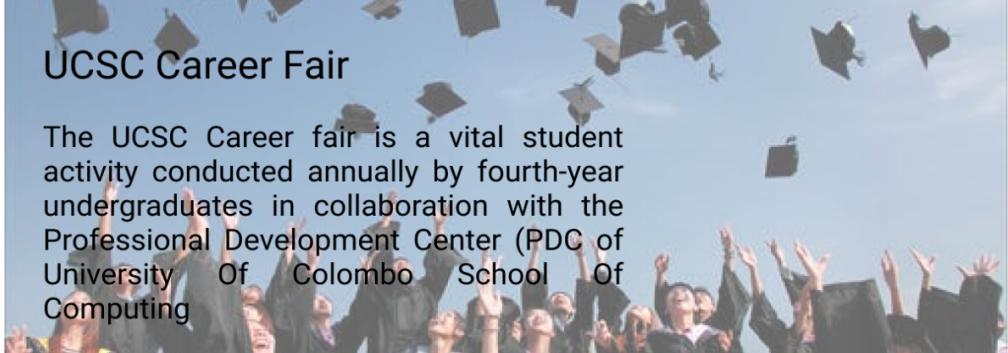
## 8. User Interfaces

**PDC**

---

sing up sing in

Home    About Us    News    Students    Companies    Contact Us



### UCSC Career Fair

The UCSC Career fair is a vital student activity conducted annually by fourth-year undergraduates in collaboration with the Professional Development Center (PDC of University Of Colombo School Of Computing)

**Students**

Students can apply for job vacancies and companies will conduct interviews



**Companies**

Companies can advertise their vacancies and students will apply for those vacancies.



---

**OBJECTIVES.**

"INSPIRING THE NEXT GENERATION OF PROFESSIONALS"

To provide an opportunity for the corporate sector to recruit prospective employees by accessing a pool of fresh graduates.

To create skilled employable graduates.

To bridge the gap between the University and the corporate world

**About**

The UCSC Career fair is a vital student activity conducted annually by fourth-year undergraduates in collaboration with the Professional Development Center (PDC of University Of Colombo School Of Computing)

**Heading**

Vivamus sagittis lacus vel augue laoreet rutrum faucibus dolor auctor. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Morbi leo risus, porta ac consectetur ac, vestibulum at eros.

**Sub-heading**

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

**Sub-heading**

Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aenean lacinia bibendum nulla sed consectetur. Etiam porta sem malesuada magna mollis euismod. Fusce dapibus, tellus ac cursus commodo, tortor mauris condimentum nibh, ut fermentum massa justo sit amet risus.

**Archives**

March 2020

**Praesent commodo**

cursus magna, vel scelerisque nisl consectetur et. Donec id elit non mi porta gravida at eget metus. Nulla vitae elit libero, a pharetra augue. Donec ullamcorper nulla non metus auctor fringilla. Nulla vitae elit libero, a pharetra augue.

**Vestibulum**

id ligula porta felis euismod semper. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Maecenas sed diam eget risus varius blandit sit amet non magna. Cras mattis consectetur purus sit amet fermentum. Sed posuere consectetur est at lobortis.

©2021 UCSC Career Fair, University Of Colombo  
School Of Computing,Sri Lanka,All Rights Reserved.

Figure: 1 Homepage for all users

[Notice](#)

[Rules](#)



## Details about career fair

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

## career fair 2021

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

## Upcomming events

Career fair 2020

[Go !](#)

Career fair 2019

[Go !](#)

©2021 UCSC Career Fair, University Of Colombo  
School Of Computing,Sri Lanka,All Rights Reserved.

*Figure: 2Detail page for each career fair event.*

**PDC**

---

Search icon

---

Home    About Us    News    Students    Companies    Contact Us

Notifications-organizer

Student 1 registered

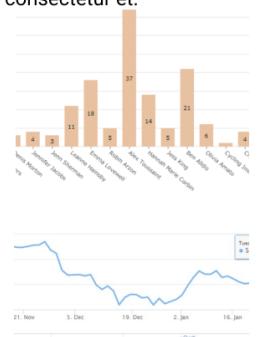
May 2021

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

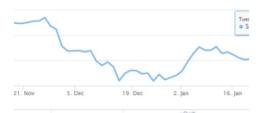
progress

Cum sociis natoque penatibus et magnis dis parturient montes, nascentur ridiculus mus. Aenean lacinia bibendum nulla sed consectetur. Etiam porta sem malesuada magna mollis euismod. Fusce dapibus, tellus ac cursus commodo, tortor mauris condimentum nibh, ut fermentum massa justo sit amet risus.

Praesent commodo cursus magna, vel scelerisque nisl consectetur et.



Name	Score
Alice Johnson	12
Bob Smith	15
Charlie Davis	18
Diana Wilson	20
Eve Green	22
Fiona Black	25
Gina White	28
Hannah Blue	30
Ivan Red	32
Jessica Brown	35
Karen Green	38
Laura Blue	40
Mia Red	42
Natalie Black	45
Olivia White	48
Parker Green	50
Quinn Brown	52
Riley Red	55
Sophia Blue	58
Taylor Black	60
Ulysses Green	62
Vivian Brown	65
Wade Red	68
Xavier Blue	70
Yara Black	72
Zane Green	75



Date	Name	Score
21. Nov	Alice Johnson	12
2. Dec	Bob Smith	15
5. Dec	Charlie Davis	18
19. Dec	Diana Wilson	20
2. Jan	Eve Green	22
16. Jan	Fiona Black	25
29. Jan	Gina White	28
11. Feb	Hannah Blue	30
24. Feb	Ivan Red	32
6. Mar	Jessica Brown	35
19. Mar	Karen Green	38
1. Apr	Laura Blue	40
14. Apr	Mia Red	42
27. Apr	Natalie Black	45
10. May	Olivia White	48
23. May	Parker Green	50
5. Jun	Quinn Brown	52
18. Jun	Vivian Brown	55
1. Jul	Wade Red	58
14. Jul	Xavier Blue	60
27. Jul	Yara Black	62
9. Aug	Zane Green	65

Footer  
Something here to give the footer a purpose!

Upcomming events

Career fair 2020

Go !

Career fair 2019

Go !

Figure: 3 page for organizer

**PDC**

---

Search icon

---

Home    About Us    News    Students    Companies    Contact Us



### Sign up

I want to receive inspiration, marketing promotions and updates via email.

SIGN UP

Already have an account? [Sign in](#)

Figure: 4



sign up

 Sign in

Email Address\*

Password\*

Remember me

**SIGN IN**

[Forgot password?](#)      [Don't have an account? Sign Up](#)

Figure: 5 Sign in page for all users



## Pubudu Ishara Jayewardana

Experienced in object-oriented programming; developing, testing and debugging code; designing interfaces; and administering systems and networks.

Quickly learn and master new technologies; successful working in both team and self-directed settings.

[Edit profile](#)

### Projects

#### A Terminal Chat application, Terminal Chat Network

It is prototype of console chat apps like the one we saw in Die Hard 4.

It has in-app capabilities to transfer file of any type between users.

It also has a user login and registration feature.

It is written in python.

MySQL is used to manage the database of login data and user.

FTP Servers are used to manage the file transfer between the users.

Link to GitHub Repository: [https://github.com/ayanbag/Terminal\\_Chat\\_Network](https://github.com/ayanbag/Terminal_Chat_Network)

#### A terminal console Dictionary cum Translator app, COMLID

It is a command line dictionary application.

This project uses the API Services of OXFORD DICTIONARY.

It also features a translator.

The backend part code of COMLID is written in Python.

#### My Personal Website, kickresume.ml

It is designed with basic HTML and CSS skills

### Skills

#### Programming Languages

Python

R

JAVA

JavaScript

Node.js

### Other Skills

Data Structures

Algorithms

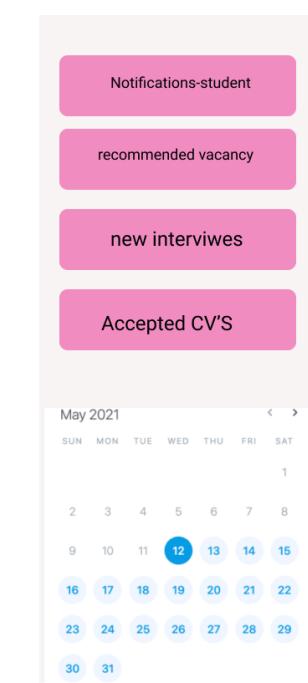
Product Management

Git

Microsoft Office

©2021 UCSC Career Fair, University Of Colombo  
School Of Computing,Sri Lanka,All Rights Reserved.

*Figure: 6 Student profile page*



# PDC

[Home](#)[About Us](#)[News](#)[Students](#)[Companies](#)[Contact Us](#)

Notice

Rules

May 2021

SUN	MON	TUE	WED	THU	FRI	SAT
				1		
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Job Vacancies

business analyst

Software Engineer

Data analyst

Career fair 2020

Go!

Software Engineer

AD from company ABC

AD from company A

AD from company B

©2021 UCSC Career Fair, University Of Colombo  
School Of Computing,Sri Lanka,All Rights Reserved.

Figure: 7 Advertisement page for students

# PDC

Home

About Us

News

Students

Companies

Contact Us

The page features a sidebar on the left with a pink header containing 'Notice' and 'Rules'. Below this is a calendar for May 2021, showing dates from 1 to 31. The 12th is highlighted in dark blue. A central column displays 'Applicant for vacancy ABC' (Suranga lakmal) with a large placeholder for a CV. Navigation arrows ('<<', 'CV', '»') are positioned around the CV area. To the right, there's a section for 'Upcomming events' with 'Career fair 2020' and a 'Go!' button, and another for 'Career fair 2019' with its own 'Go!' button. A green button at the bottom right of the central area says 'schedule interview >>'. The footer contains copyright information: ©2021 UCSC Career Fair, University Of Colombo School Of Computing,Sri Lanka,All Rights Reserved.

Notice

Rules

May 2021

SUN	MON	TUE	WED	THU	FRI	SAT
				1		
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Applicant for vacancy ABC

Suranga lakmal

CV

<<

»

schedule interview >>

Career fair 2020

Go!

Career fair 2019

Go!

©2021 UCSC Career Fair, University Of Colombo  
School Of Computing,Sri Lanka,All Rights Reserved.

Figure: 8 Advertisement page for students



## Pubudu Ishara Jayewardana

Experienced in object-oriented programming; developing, testing and debugging code; designing interfaces; and administering systems and networks.

Quickly learn and master new technologies; successful working in both team and self-directed settings.

### Projects

#### A Terminal Chat application, Terminal Chat Network

It is prototype of console chat apps like the one we saw in Die Hard 4.

It has in-app capabilities to transfer file of any type between users.

It also has a user login and registration feature.

It is written in python.

MySQL is used to manage the database of login data and user.

FTP Servers are used to manage the file transfer between the users.

Link to GitHub Repository: [https://github.com/ayanbag/Terminal\\_Chat\\_Network](https://github.com/ayanbag/Terminal_Chat_Network)

#### A terminal console Dictionary cum Translator app, COMLID

It is a command line dictionary application.

This project uses the API Services of OXFORD DICTIONARY.

It also features a translator.

The backend part code of COMLID is written in Python.

#### My Personal Website, kickresume.ml

It is designed with basic HTML and CSS skills

### Skills

Programming Languages

Python

R

JAVA

JavaScript

Node.js

### Other Skills

Data Structures

Algorithms

Product Management

Git

Microsoft Office

©2021 UCSC Career Fair, University Of Colombo  
School Of Computing,Sri Lanka,All Rights Reserved.

Figure: 11 Student profile page view, that Company can view

# PDC

Home      About Us      News      Students      Companies      Contact Us

Notice

Rules

May 2021

SUN	MON	TUE	WED	THU	FRI	SAT
					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

advertisement for vacancy ABC

advertisement

Upcomming events

Career fair 2020

Go!

Career fair 2019

Go!

©2021 UCSC Career Fair, University Of Colombo  
School Of Computing,Sri Lanka,All Rights Reserved.

Figure: 12 Single advertisement page

# PDC

Home    About Us    News    Students    Companies    Contact Us

Notice

Rules

May 2021

SUN	MON	TUE	WED	THU	FRI	SAT
				1		
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Meeting for vacancy ABC

your interview link:-

Erosh gamage is inviting you to a scheduled Zoom meeting.

Time: Jun 15, 2021 10:00 AM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://learn.zoom.us/j/66297521981?pwd=TU9ZVUVMMVB2cHYxQ1RNOSTLMWxUZz09>

Meeting ID: 662 9752 1981

Passcode: H%IZGr8C

See you then!

Dr. Enosha gamage

Upcomming events

Career fair 2020

Go !

Career fair 2019

Go !

©2021 UCSC Career Fair, University Of Colombo School Of Computing,Sri Lanka,All Rights Reserved.

Figure: 13 Scheduled interview invitation

# PDC

---

Home    About Us    News    Students    Companies    Contact Us

**Advertisement Details**

Image

Description

Submit Cancel

Post Interview Ad

Notice

Rules

May 2021

SUN	MON	TUE	WED	THU	FRI	SAT
					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

©2021 UCSC Career Fair, University Of Colombo  
School Of Computing,Sri Lanka,All Rights Reserved.

Figure: 14 Add a new advertisement

# PDC

---

Home    About Us    News    Students    Companies    Contact Us

Applicant for vacancy ABC

Nimantha Aravinda new

Sudesh Banda new

Kusal mendis

Danushka gunathilke

Niroshan dikwella

Awishka ferando

Dasun shanaka

Suranga lakmal

vacancies

Interviews

May 2021

SUN	MON	TUE	WED	THU	FRI	SAT
					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Upcomming events

Career fair 2020

Go!

Career fair 2019

Go!

Figure: 15 All applicants for an advertisement

## **Colours**

Mostly the system has white backgrounds to focus more on data. For the sidebar, we selected a shade of dark blue (#392E50) as the main colour because it represents professionalism. Other colors are used occasionally to signify important data.

## **Buttons**

All buttons are uniform and consistent throughout the system for the ease of the user. Text is used in buttons rather than only symbols to communicate the message precisely.

## **Messages**

All actions are followed by toast notifications to inform the user whether the action is successful or not.

## **9. Main deliverables of the system**

1. Working software and source code
2. Complete Software Requirement Specification
3. User manual
4. Administrators manual together with deployment instructions

## **10. The Project Plan**

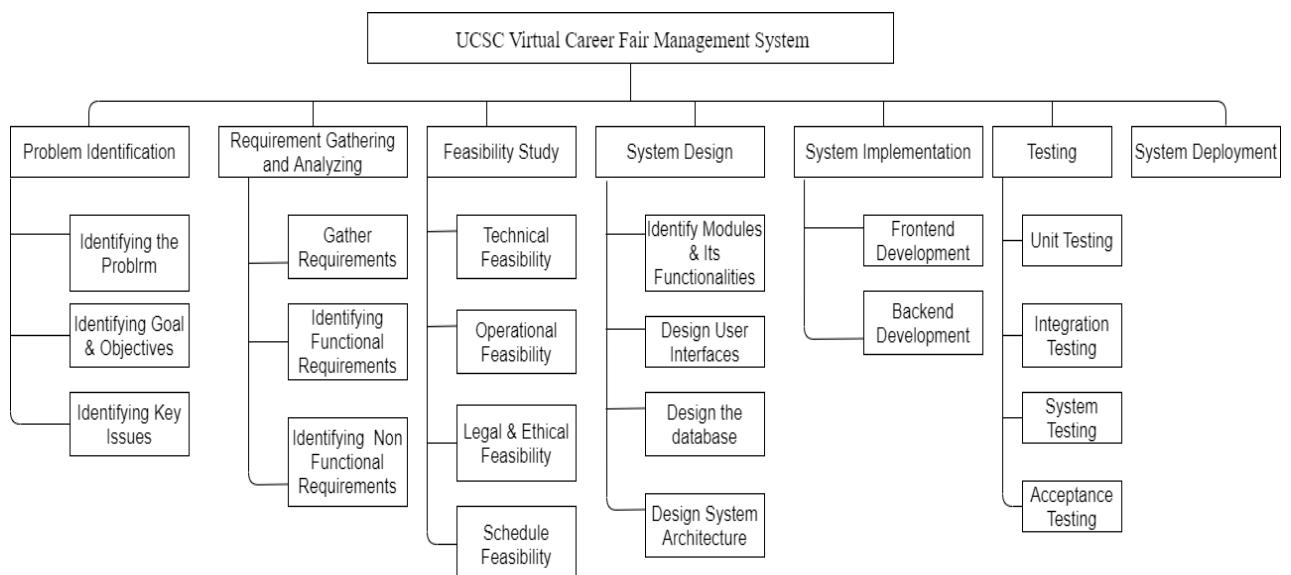
We as the development team, Able to implement the solution within the allocated time period as shown in the Gantt Chart below. The target is to complete the system development within 16 weeks. This is a group project where all members are supposed to contribute equally as well as in the best possible way to make it a successful project. The project schedule is given below.

Task	Plan Duration (Weeks)	Present Completed	May		June			July			August			September			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Finding Project	2	100%															
Requirement Gathering	4	50%															
Feasibility Study	2	50%															
Studying Technologies	8	20%															
Project approval process	2	50%															
Use case modelling	2	0%															
Planning basic system Architecture	2	0%															
Designing user interfaces	4	0%															
Implement user interfaces	8	0%															
Implement database design	10	0%															
Connecting UI and databases	8	0%															
Testing	2	0%															
Deployment	1	0%															

Complete

Not Complete

In Progress

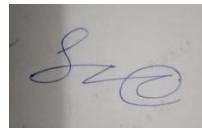


## 11. References

- <https://ucsc.cmb.ac.lk/pdc/>
- <https://reactjs.org/docs/getting-started.html>
- [https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express\\_Nodejs/Introduction](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs/Introduction)
- <https://dev.mysql.com/doc/mysql-getting-started/en/>

## 12. Declaration

*We as members of the project titled UCSC Virtual Career Fair Management System, certify that we will carry out this project according to guidelines provided by the coordinators and supervisors of the course as well as we will not incorporate, without acknowledgement, any material previously submitted for a degree or diploma in any university. To the best of our knowledge and belief, the project work will not contain any material previously published or written by another person or ourselves except where due reference is made in the text of appropriate places.*

Name	Signature
(i) P. H. Mallikarachchi	
(ii) H.T.P.C. Sooriyabandara	
(iii) H. P. N. Aravinda	
(iv) W.G.S.L.Bandara	
(v) R. L. Udayanga	