

A
PROJECT REPORT
ON

“Campus Recruitment Application”

SUBMITTED IN PARTIAL FULFILLMENT OF
THE REQUIREMENT FOR THE AWARD OF DEGREE OF BACHELOR OF
ENGINEERING IN

Computer Science & Engineering

OF

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE.

SUBMITTED BY

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UNDER THE GUIDANCE OF

PROF. MR. Patange .S .P



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SHREE SANTKRUPA INSTITUTE OF ENGINEERING & TECHNOLOGY, GHOGAON,
TAL- KARAD, DIST- SATARA (415111)

Academic Year 2023-24

SHREE SANTKRUPA INSTITUTE OF ENGINEERING
& TECHNOLOGY (GHOGOAN).

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that, **Ms. Patil Rutuja Rajaram** has successfully completed the project work entitled, "**Campus Recruitment Application**". This work is being submitted in partial fulfillment of the requirements for the award of **Bachelor of Technology in Computer Science & Engineering of Dr. Babasaheb Ambedkar Technological University Lonere**. He has carried out the work under my supervision and guidance, academic year 2023-24.

Date:

Place: SSIET, Ghogoan.

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This is to certify that, **Ms. Patil Shrutika Dnyandeo** has successfully completed the project work entitled, "**Campus Recruitment Application**". This work is being submitted in partial fulfillment of the requirements for the award of **Bachelor of Technology in Computer Science & Engineering of Dr. Babasaheb Ambedkar Technological University Lonere**. He has carried out the work under my supervision and guidance, academic year 2023-24.

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This is to certify that, **Ms. Patil Nikita Balu** has successfully completed the project work entitled, "**Campus Recruitment Application**". This work is being submitted in partial fulfillment of the requirements for the award of **Bachelor of Technology in Computer Science & Engineering of Dr. Babasaheb Ambedkar Technological University Lonere**. He has carried out the work under my supervision and guidance, academic year 2023-24.

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This is to certify that, **Ms. Patil Pratiksha Vishnu** has successfully completed the project work entitled, "**Campus Recruitment Application**". This work is being submitted in partial fulfillment of the requirements for the award of **Bachelor of Technology in Computer Science & Engineering of Dr. Babasaheb Ambedkar Technological University Lonere**. He has carried out the work under my supervision and guidance, academic year 2023-24.

Date:

Place: SSIET, Ghogoan.

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that, **Ms. Bade Kajal Milind** has successfully completed the project work entitled, **"Campus Recruitment Application"**. This work is being submitted in partial fulfillment of the requirements for the award of **Bachelor of Technology in Computer Science & Engineering of Dr. Babasaheb Ambedkar Technological University Lonere**. He has carried out the work under my supervision and guidance, academic year 2023-24.

Date:

Place: SSIET, Ghogoan.

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(Principal)

(External Examiner)

ACKNOWLEDGEMENT

Apart from the efforts of team, the success of any project depends largely on the encouragement and guidelines of many others. We take this opportunity to express our gratitude to the people who have been instrumental in the successful completion of this project.

The completion of any inter-disciplinary project depends upon cooperation, co-ordination and combined efforts of several sources of knowledge.

We are eternally grateful to our teacher **Prof. Mr. Patange S. P.** for her even willingness to give us valuable advice and direction under which we executed this project. Her constant guidance and willingness to share her vast knowledge made us understand this project and its manifestations in great depths and helped us to complete the assigned tasks.

CERTIFICATE

This is to certify that Software Engineering project report entitled **"Campus Recruitment Application"** is the work carried out **Patil Rutuja , Patil Shrutika, Patil Pratiksha, Patil Nikita, Bade Kajal** students of B.Tech Computer Science VIII Semester, Shree Santkrupa Institute Of Engineering & Technoglogy, University of Delhi under the supervision of **Mr. S. P. Patange, Assistant Professor, Department of Computer Science, Shree Santkrupa Institute Of Engineering & technology,Ghogaon.**

This report has not been submitted to any other organization/institution for the award any other degree/diploma.

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ABSTRACT

Campus Recruitment System (CRS) is web-based software to reduce communication gap between company student and incharge. The Main objective of this solution is to make easy the recruitment process of any organization. This CRS is designed by keeping in mind both parties student and company.

CRS allows student to register their details like skills and experience with the system, and then on the other hand even it allows company to post their requirements with the system. Campus Recruitment Management system. Is helpful for the companies which are in need of employees, students who are in

Need of job. This portals main aim is to provide the vacancies available for the students. CRS will automatically send mails to all students whose skills are matched with the requirement.

The Campus Recruitment System (CRS) project aims to streamline and enhance the process of hiring new talent from educational institutions. In today's competitive job market, organizations recognize the importance of recruiting top-notch candidates early in their academic careers. CRS offers a robust platform that connects recruiters with potential candidates, simplifying the entire recruitment lifecycle

PROBLEM STATEMENT

It serves as a centralized platform for students, companies, and administrators, providing a Seamless and efficient environment for job placements and recruitments. The system streamlines the entire process, from job posting and student applications to interview scheduling and final job offers.

In the dynamic landscape of modern education and industry, the process of campus recruitment poses challenges that can hinder the efficiency and effectiveness of matching talented students with suitable job opportunities.

Benefits of implementing a Campus Recruitment Application:

Efficiency and Time-saving: With online platforms, recruiters can automate various stages of the recruitment process, including job posting, candidate screening, and scheduling interviews. This saves time for both recruiters and candidates and accelerates the hiring timeline.

Brand Visibility: Participating in online campus recruitment projects can enhance an employer's brand visibility among students and academic institutions. It helps organizations establish themselves as employers of choice and attract top talent from campuses.

Data-driven Decision Making: Online recruitment platforms generate vast amounts of data that can be analyzed to gain insights into recruitment trends, candidate preferences, and the effectiveness of recruitment strategies. This data-driven approach enables recruiters to make informed decisions and optimize their hiring Data processes.

PROCESS MODEL

Campus Recruitment Application website follows increamental model because initially software requirements are reasonably well defined but the overall scope of development effort is a purely linear process. There may be other requirements of the user which will be known later. So, those requirements can the implemented and delivered in the following next increments. Our project is a short term project of 3 months and 3 weeks only and staffing available is also low (5 persons).

CHAPTER 1 INTRODUCTION

PURPOSE

SCOPE

DEFINITIONS, ACRONYMS, and ABBREVIATIONS

OVERVIEW

PURPOSE

Campus recruitment is the process of recruiting young talent directly out of colleges/universities. In this case, companies use campus drive as a way to fill their companies with young talented employees. Also, it is considered one of the best ways to hire fresh talent right off the college.

SCOPE:

The scope of this project is to : 1) Ensure a working application for the campus recruitment. 2) Ensure proper student data bifurcation. 3) To reduce workload on management and to ensure a swift and effective method.

DEFINITIONS, ACRONYMS, & ABBREVIATIONS:

Campus Recruitment Application System a digital platform designed to facilitate the recruitment process between employers and students/alumni of educational institutions. It typically includes features for job posting, candidate application, resume screening, scheduling interviews, and communication between recruiters and candidates.

- **SRS-** Software Requirement Specification.
- **DFD-** Data Flow Diagram.
- **CRM** - Candidate Relationship Management
- **API** - Application Programming Interface
- **UI** - User Interface:

OVERVIEW

Campus Selection System is a platform that provide interface between students and company. System provides the list of suitable companies to the students, according to their educational qualification, experience and their preferences.

System provides the list of eligible students from a pool according to required skill for vacancy of company.

The aim is to provide services to both the Employer and the Graduate by recruiting Graduates according to the employer specifications. The main flow of the project goes as follows.

The three main users involved in this system are

- Student
- Employer
- Administrator

Advantages:

- There is admin login that can view and manage both students and company's account and also can put up notifications.
- Student can register online instead of going to placement department for registration.
- This system saves time and efforts.
- Improved Retention Rates.
- Getting New Knowledge & Skills.
- Quick Learners & Multi-tasking candidates.
- Good relationship between Organization & Campus.

Disadvantages:

- Student can't edit their application once sent.
- It would require admin to change the data.
- It requires large database and network connections.
- Sometime software not working properly because of data corruption.

Applications:

- It is process use for recruiting young talent directly out of colleges/universities.
- It is applicable for sourcing, engaging, and hiring fresh talent.
- It is helpful for the companies which are in need of employees, students who are in need of job.
- This portals main aim is to provide the vacancies available for the students.

CHAPTER 2

SOFTWARE REQUIREMENT SPECIFICATION

- Product Perspective
 - System Interfaces
 - System Specifications
 - H/W Requirement
 - S/W Requirement
 - Communication Interfaces
- Product functions
- Data Flow Diagram (DFD)
 - DFD Level – 1
 - DFD Level – 2
- Use Case Diagram
- Use Case Description
- User characteristics
- Constraints
- Assumptions and dependencies

Product Perspective:

Campus recruitment drives are an opportunity for organizations to create brand awareness among students, which helps attract talent in the future as well. At these drives, organizations can showcase their values, company culture, and available job opportunities to graduate and post-graduate students

The system will facilitate concurrent access and convenient management of activities of the campus recruitment system.

System Interfaces:

➤ **User interface**

- This section provides a detailed description of all inputs into and outputs from the system. It also gives a description of the hardware, software and communication interfaces and provides basic prototypes of the user interface.
- The protocol used shall be HTTP.
- The Port number used will be 80.
- There shall be logical address of the system in IPv4 format.

➤ **Hardware Interfaces**

- **Laptop/Desktop PC**-Purpose of this is to give information when student ask information about placements, available vacancies, which companies allow for the jobs etc. To perform such action it need very efficient computer.
- **Laser Printer (B/W)** - This device is for printing student's info etc.
- **Wi-Fi router** - Wi-Fi router is used to for internetwork operations inside of college campus and simply data transmission from pc's to server.

Software Interfaces:

- **XAMPP Server**- using run the php code
- **Mysql server** - Database connectivity and management
- **OS Windows 7/8/8.1**- Very user friendly and common OS

System Specifications

H/W Requirement

- Core i5 processor
- 2GB Ram
- 1TB hard disk space in Server Machine
- 20GB of hard disk space in terminal machines

S/W Requirement

- Windows 7 or above operating system
- JRE 1.8
- Mysql server

Communication Interfaces:

- **NIC (Network Interface Card)** – It is a computer hardware component that allows a computer to connect to a network. NICs may be used for both wired and wireless connections.
- **CAT 5 network cable-** for high signal integrity
- **TCP/IP protocol-** Internet service provider to access and share information over the Internet.
- **Ethernet Communications Interface-** Ethernet is a frame-based computer network technology for local area networks (LANs)

Ubiquitous, easy to set up and easy to use. Low cost and high data transmission rate.

Product functions

The different types of modules present in this project are:

1. Admin
2. Company
3. User(Candidates/ Students)

Admin:

1. Dashboard: In this section, admin can see all detail in brief like Total Company Registered, Total User (Candidates) Registered and Total Vacancy Listed.
2. Total Registered Company: In this section, admin can view detail of registered company.
3. Total Registered Users: In this section, admin can view detail of users.
4. Pages: In this section, the admin can manage about us and contact us pages.
5. Reports: In this section admin can view how many company has been registered in particular period and also view how many vacancy counts listed by particular company in particular periods.
6. Admin can also update his profile, change the password and recover the password.

Company:

1. Dashboard: In this section, company can see all detail in brief like Total Number of application received, Total number of new applications, Total number selected application, Total number of rejected applications.
2. Post Vacancy: In this section, company can manage job posting (Add/Manage).

3. Job Application: In this section, company can view total new applications receive, total sorted applications and total rejected applications and company
4. Also have right to sort application and reject application and this selected and rejected message send to candidates.
5. Reports: In this section, company can view job posting in a particular periods and also see how many application has been received in a particular periods.
6. Company can also update his/her company profile, change the password, see the notifications of new applications received and recover the password.

User:

1. Home Page: User can see latest job posted on home page.
2. About Us: User can view about us page.
3. Listed Jobs: User can view total listed jobs.
4. Contact us: User can view contact us page.

Candidates: In this guest user can registered himself/herself.

DATA FLOW DIAGRAM (DFD) :

LEVELS OF DFD:

The complexity of the business system means that it is a responsible to represent the operations of any system of single data flow diagram. At the top level, an Overview of the different systems in an organization is shown by the way of context analysis diagram. When exploded into DFD.

They are represented by:

- **LEVEL-0 : SYSTEM INPUT/OUTPUT**
- **LEVEL-1:SUBSYSTEM LEVEL DATAFLOW FUNCTIONAL**

The input and output data shown should be consistent from one level to the next.

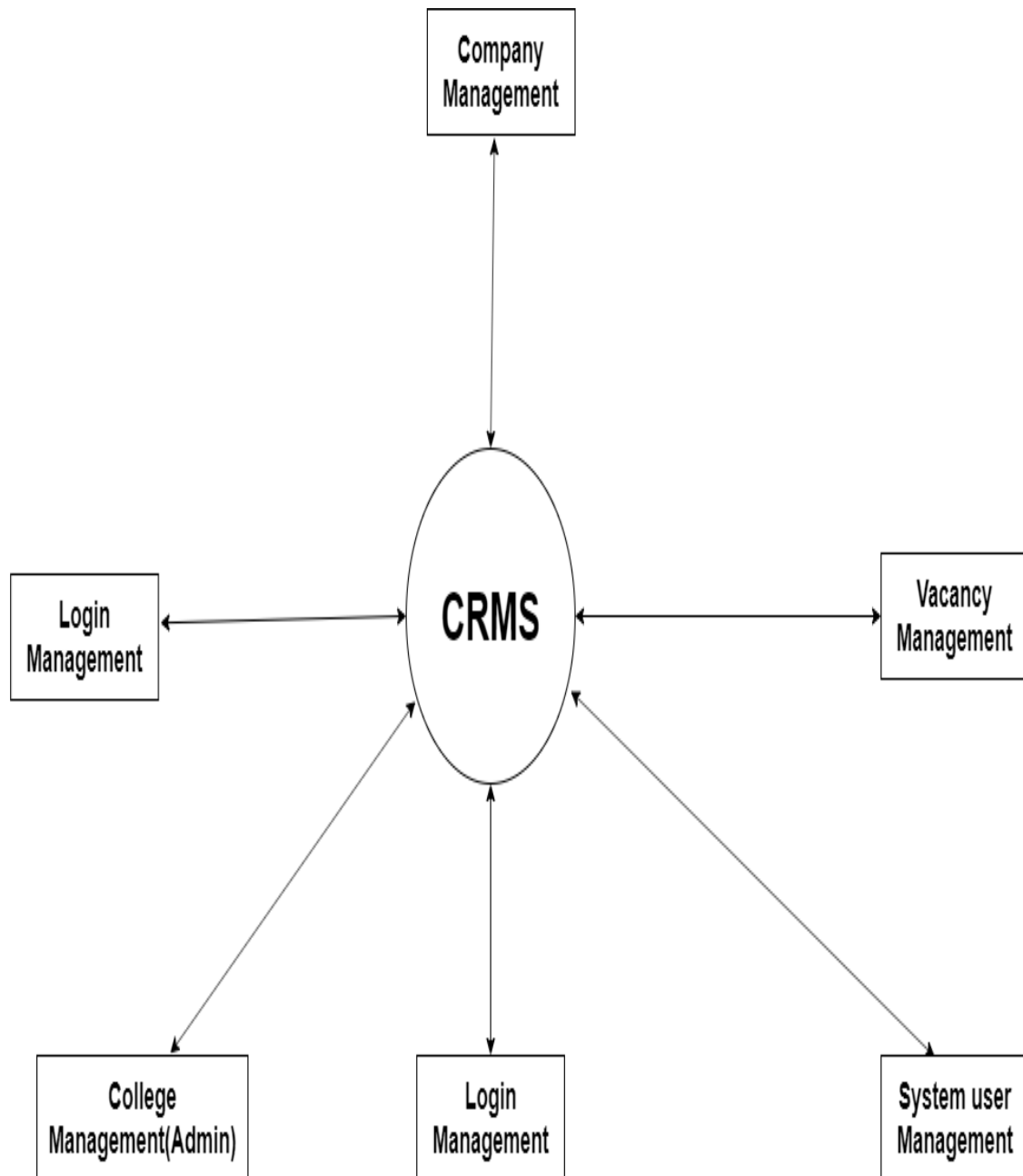
LEVEL-0: SYSTEM INPUT/OUTPUT LEVEL

A level-0 DFD describes the system-wide boundaries, dealing inputs to and outputs from the system and major processes. This diagram is similar to the combined. user-level context diagram.

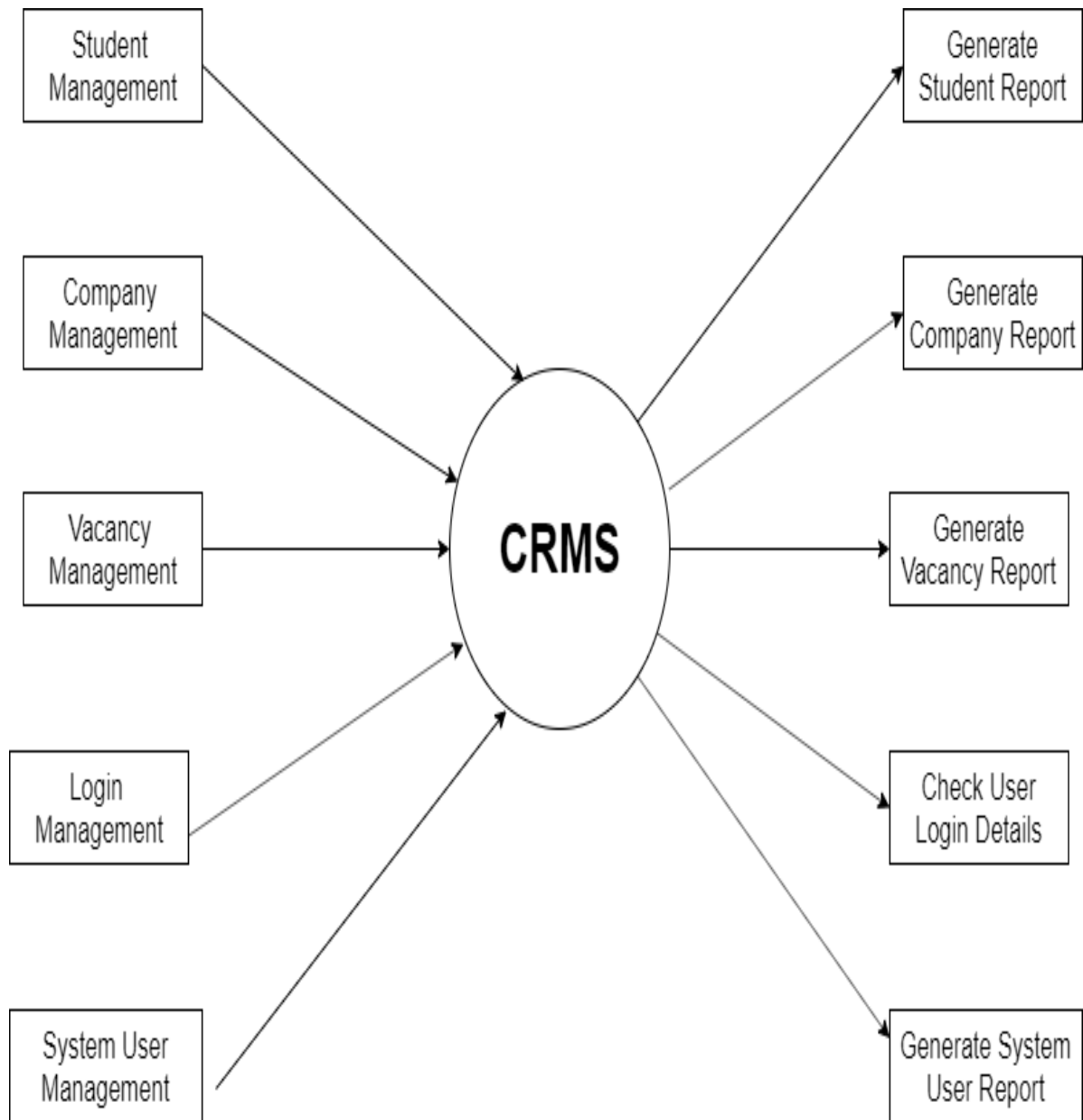
LEVEL-1: s SUBSYSTEM LEVEL DATA FLOW

A level-1 DFD describes the next level of details within the system, detailing the data flows between subsystems, which makeup the whole.

Zero Level DFD



First Level DFD



Unified Modelling Language Diagrams (UML):

The unified modeling language allows the software engineer to express an analysis model using the modeling notation that is governed by a set of syntactic semantic and pragmatic rules.

A UML system is represented using five different views that describe the system from distinctly different perspective. Each view is defined by a set of diagram, which is as follows.

User Model View

- This view represents the system from the users perspective.
- The analysis representation describes a usage scenario from the end-users perspective.

Structural model view

In this model the data and functionality are arrived from inside the system.

This model view models the static structures.

Behavioral Model View

It represents the dynamic of behavioral as parts of the system, depicting the interactions of collection between various structural elements described in the user

model and structural model view.

Implementation Model View

In this the structural and behavioral as parts of the system are represented as they are to be built.

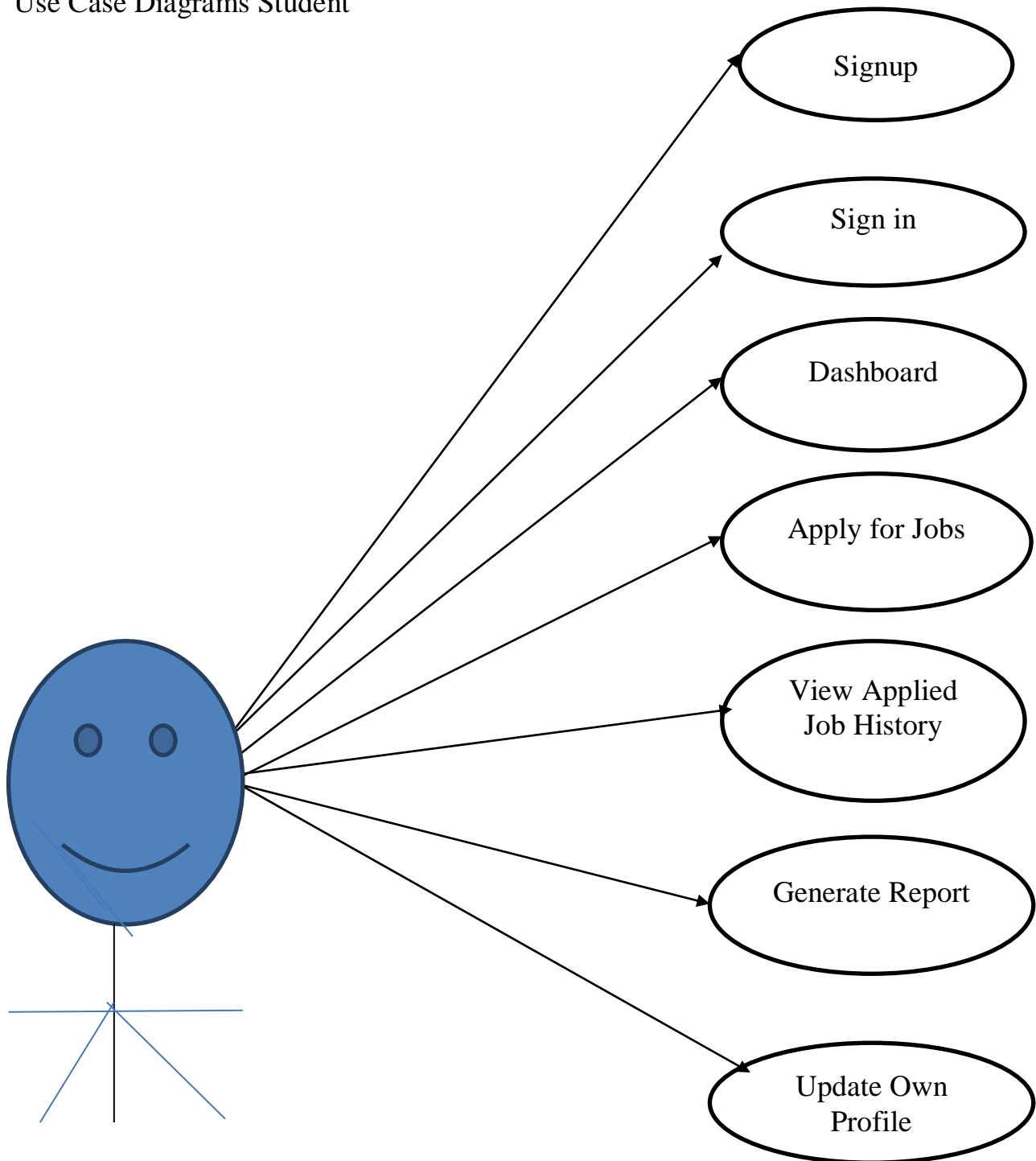
Environmental Model View

In this the structural and behavioural aspects of the environment in which system is to be implemented are represented.

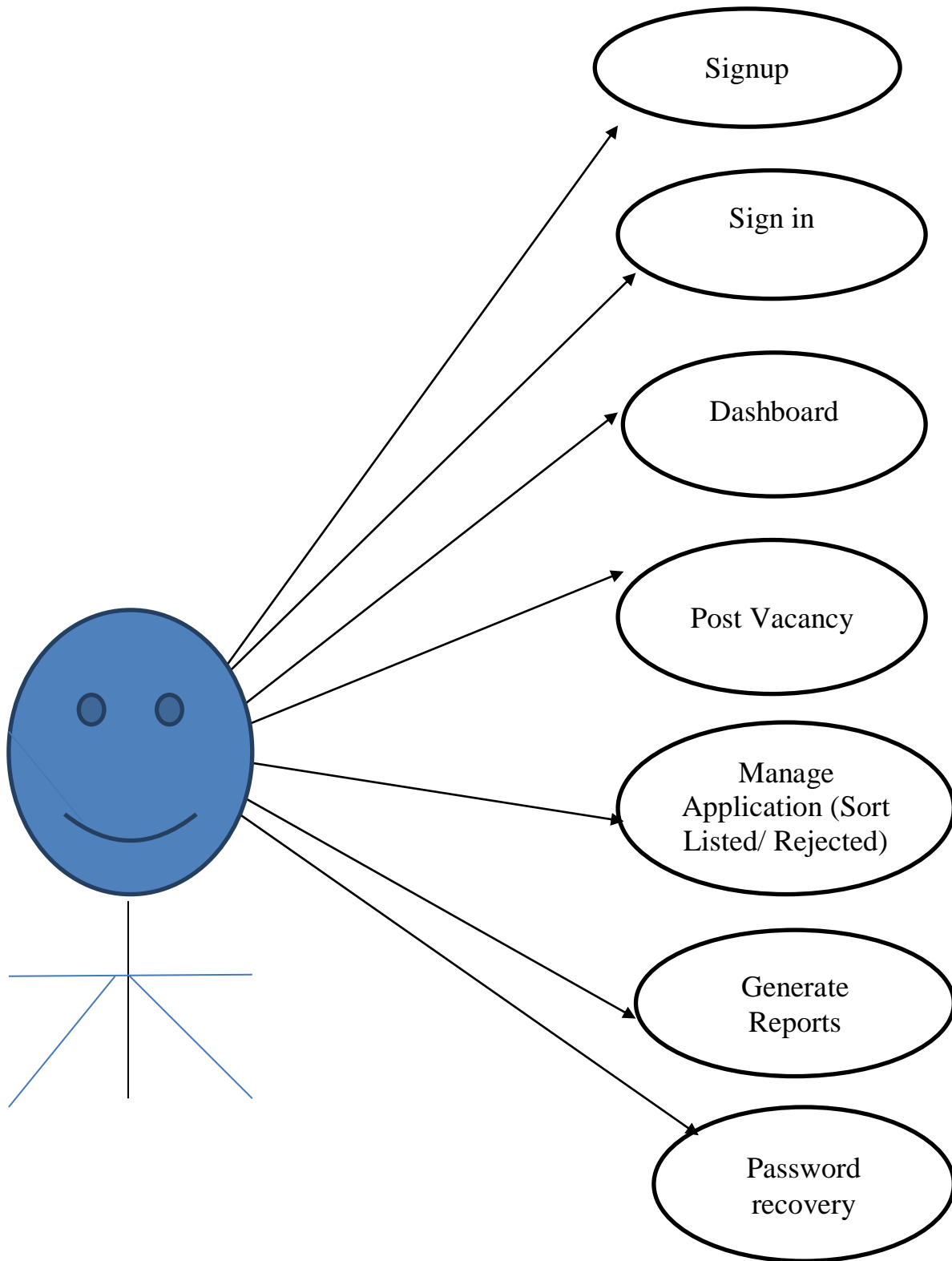
UML is specifically constructed through two different domains they are

- ◆ UML Analysis modelling, which focuses on the user model and structural model views of the system?
- ◆ UML design modelling, which focuses on the behavioural modelling, implementation modeling and environmental model views.

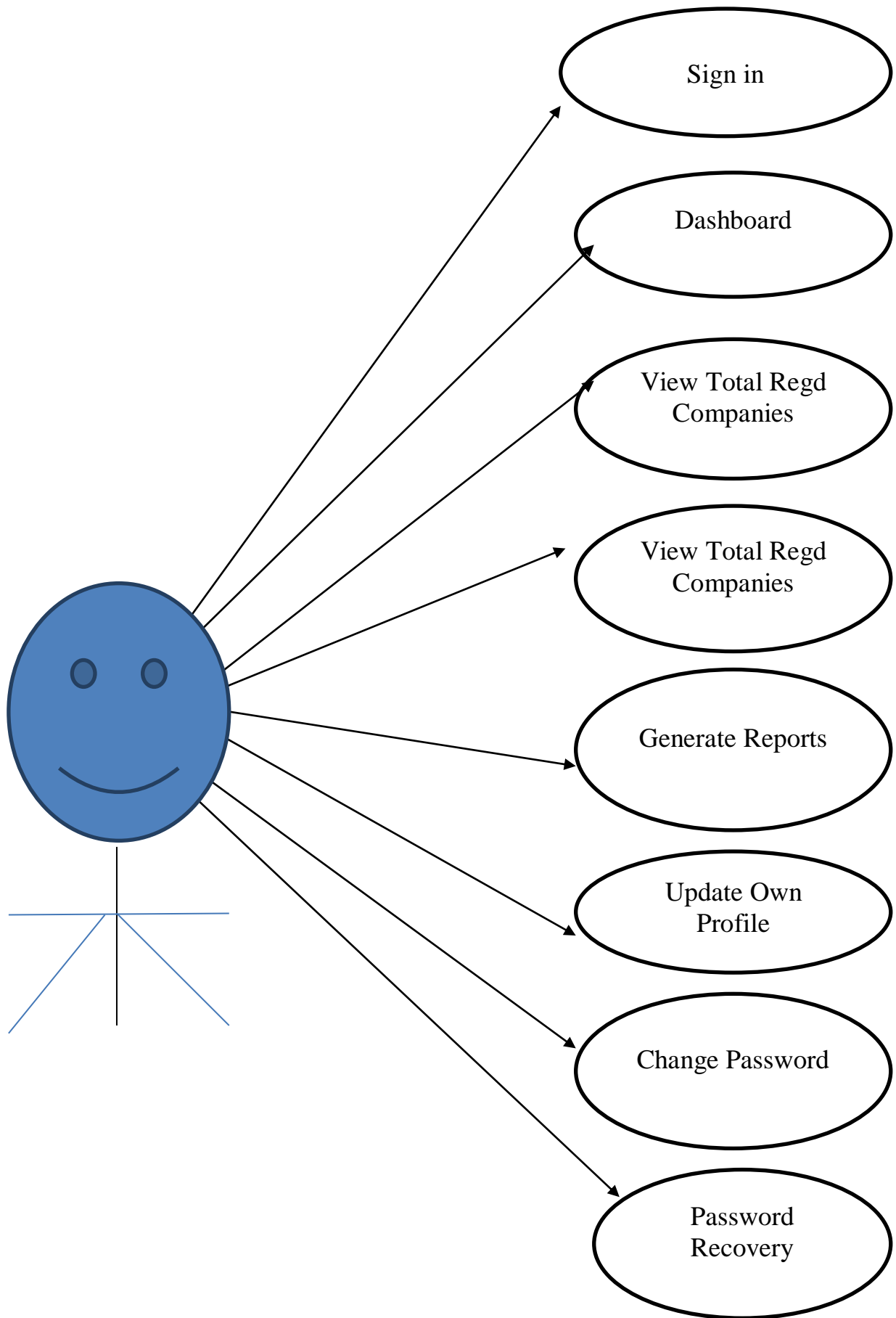
Use Case Diagrams Student



Use Case Diagrams Company



Use Case Diagrams Admin



CHAPTER 3

SPECIFIC REQUIREMENTS

Performance requirements

Safety requirements

Security constraints

Software system attributes

Usability

Availability

Correctness

Maintainability

Accessibility

PERFORMANCE REQUIREMENTS

- **Response time-** The system will give responses within 1 second after checking the student information and other information.
- **Capacity-** The system must support many more peoples at a time
- **User interface-** User interface screen will response within 5-10 seconds.

SAFETY REQUIREMENTS

If there is extensive damage to a wide portion of the database due to catastrophic failure, such as a disk crash, the recovery method restores a past copy of the database that was backed up to archival storage and reconstructs a more current state by reapplying or redoing the operations of committed transactions from the backed up log, up to the time of failure. All the administrative and data entry operators have unique logins so system can understand who is login in to system right now no intruders allowed except system administrative nobody cannot change record and valuable data.

SECURITY REQUIREMENTS

- Want take the responsibility of failures due to hardware malfunctioning.
- Warranty period of maintaining the software would be six month to one year.
- Additional payments will be analyzed and charged for further maintenance.
- If any error occur due to a user's improper use. Warranty will not be allocated to it.
- No money back returns for the software.

SOFTWARE SYSTEM ATTRIBUTES

Usability: Software can be used again and again without distortion.

Availability: The system shall be available all the time.

Correctness: Bug free software which fulfills the correct need /requirements of the client.

Maintainability: The ability to maintain, modify information and update fix problemsystem.

Accessibility: Administrator and many other users can access the system but the access level.

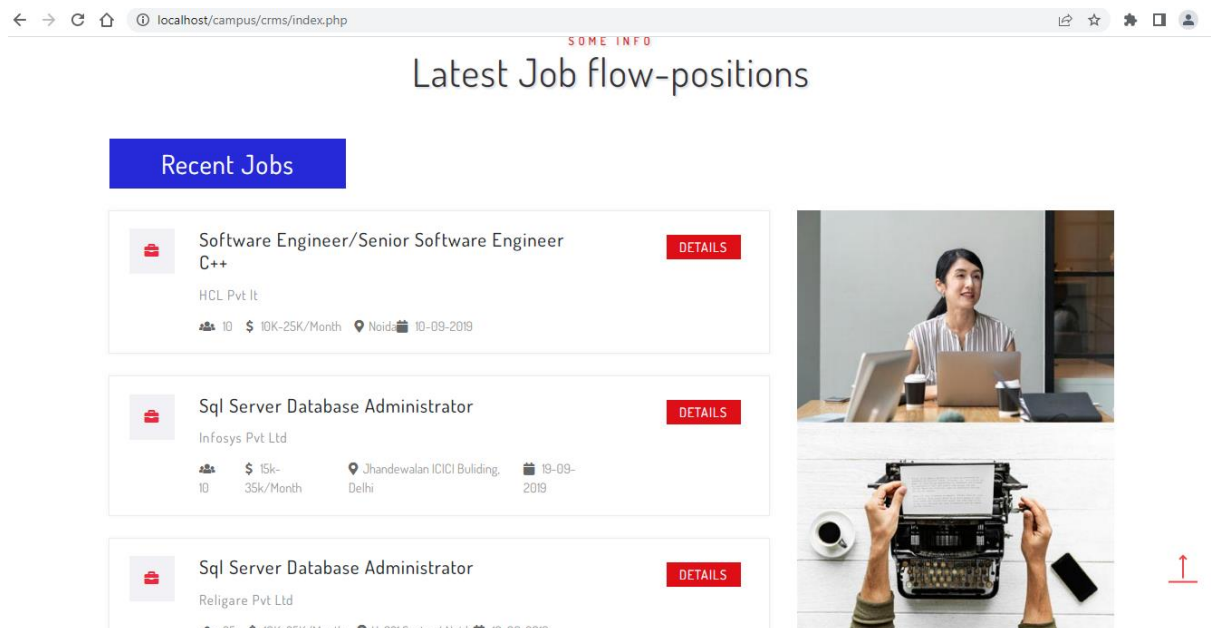
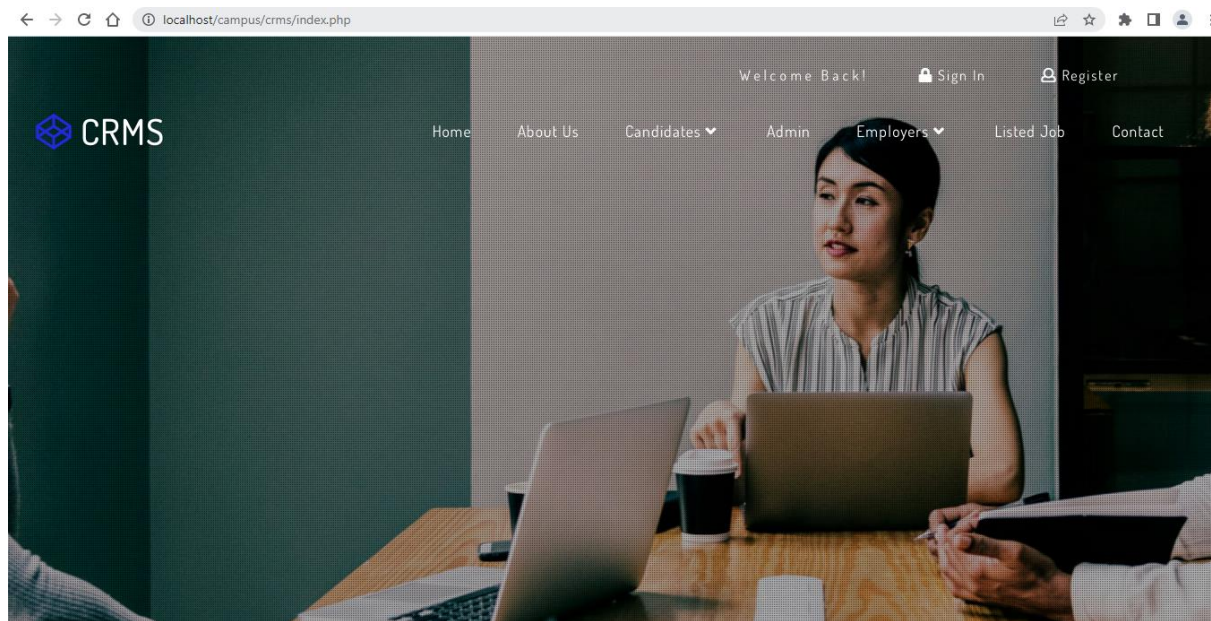
FUNCTIONAL REQUIREMENTS

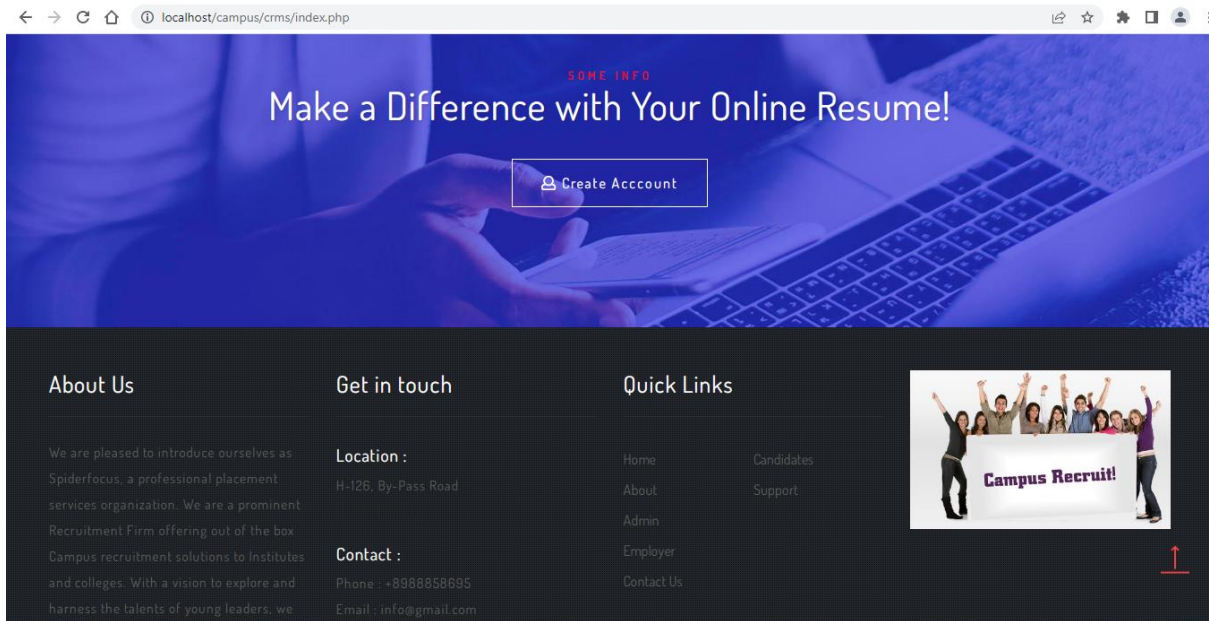
S.No.	MODULE NAME	APPLICABLE ROLES	DESCRIPTION
1.	LOGIN	CANDI DATE EMPLO YERS ADMIN	CANDIDATE: Can login using unique Id andPassword after this system shall show his/her profile. EMPLOYERS: Can login using unique Id andPassword after this system shall show his/her profile. ADMIN: Can login using unique Id and Password after this system shall show a profile with links to maintain the website.
2.	REGISTRATI ON	STUDENT	STUDENT: Can Register by filling all therequired details, after this the system will verify the details and check if already registered or not.
3.	LISTED JOB	STUDENT	STUDENT: Can Search recent jobs , and also apply for the job. this jobs are available with position. Students also apply for this position.

4	COMPANY SIGNUP	Employers/ candidate	<p>EMPLOYERS: can job vacancies posted on this side and also accepted resume of the student.</p> <p>CANDIDATE: can view the many job vacancies if they are applicable then this candidate apply for this opportunity.</p>
5	CANDIDATE SIGNUP	Student	<p>STUDENT: can apply for job check history of applied for any job also check new job vacancies.</p>
6	ADMIN MODULE	Admin	<p>ADMIN: can check the total register companies and also total registered user.</p>

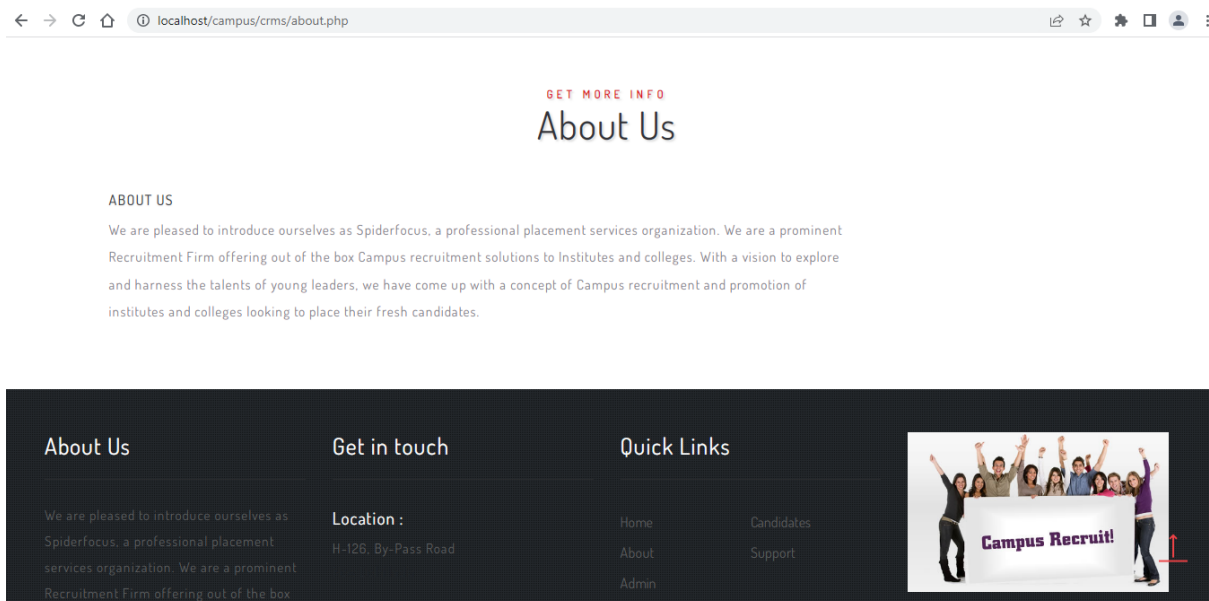
CHAPTER 4 SAMPLE SCREENSHOT

Home Page

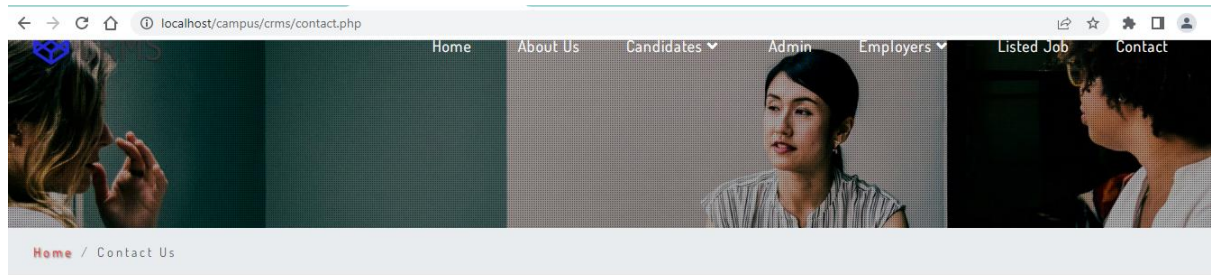




About us



Contact



GET INTOUCH Contact Us



ADDRESS

H-126, By-Pass Road
Karad, Maharashtra



EMAIL

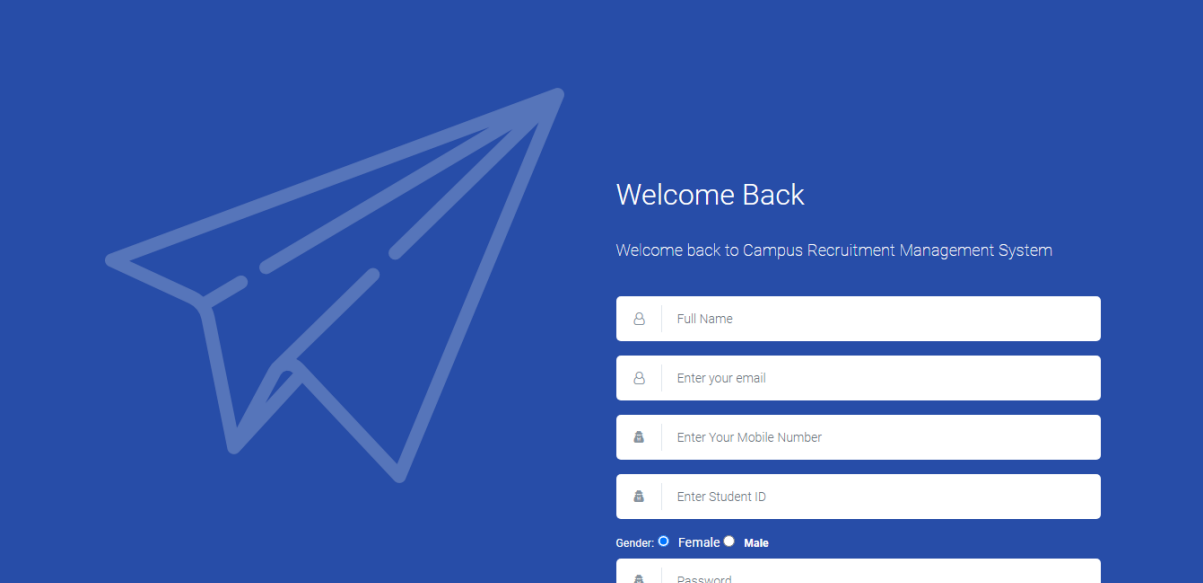
Email :info@gmail.com



PHONE

+8988858695

Student/ candidate signup

A screenshot of a student/candidate signup form. The background is a solid blue color. On the left, there is a large, light blue outline of a paper airplane. On the right, the text 'Welcome Back' is displayed in white. Below it, a subtitle reads 'Welcome back to Campus Recruitment Management System'. The form consists of five input fields, each with a small icon on the left: a person icon for 'Full Name', an email icon for 'Enter your email', a mobile phone icon for 'Enter Your Mobile Number', a student ID card icon for 'Enter Student ID', and a lock icon for 'Password'. Below the input fields, there is a 'Gender' section with two radio buttons: 'Female' (selected) and 'Male'. The form is set against a blue background with a large, light blue paper airplane graphic on the left.

localhost/campus/crms/user/user-signup.php

Full Name

Enter your email

Enter Your Mobile Number

Enter Student ID

Gender: ☒ Female ☐ Male

Password

Repeat Password

Sign Up

Already Have an Account ?

Back to Home!!

Candidate/ student home page

localhost/campus/crms/user/add-education-detail.php

CRMS

Online

- Dashboard
- Fill Education Form
- View Vacancy
- History of Applied Job
- Reports
- Search Job
- Back to home page

Add Education Detail

Education Detail

Your Education Detail has already added.

#	Board / University	Year	Percentage	CGPA
10th(Secondary)	CBSE	2010	80	8
12th(Senior Secondary)	CBSE	2012	76	7.6
Graduation	B.Tech	2016	75	7.5
Post Graduation	NA	NA	NA	NA

Activate Windows
Go to PC settings to activate Windows.

Company signup

localhost/campus/crms/company/comp-signup.php

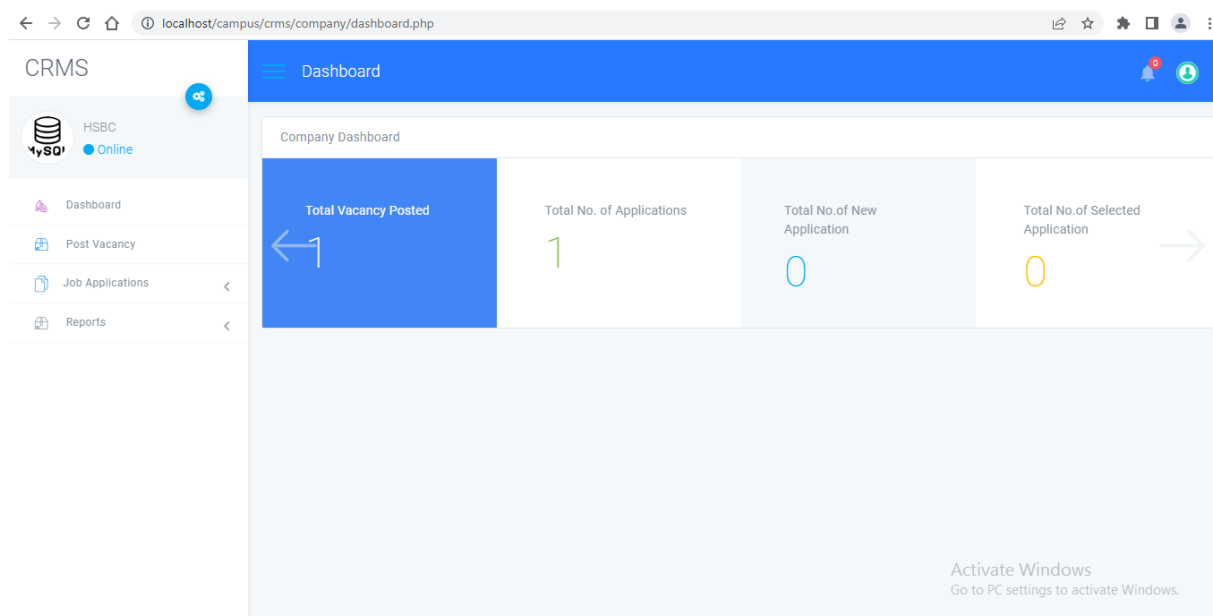
COMPANY REGISTRATION

Welcome Back

Welcome back to Campus Recruitment Management System

Activate Windows
Go to PC settings to activate Windows.

Company Dashboard




Listed jobs

← → ↺ 🏠 📍 localhost/campus/crms/index.php

SOME INFO


Latest Job flow-positions

Recent Jobs




Software Engineer/Senior Software Engineer
C++
HCL Pvt It
👤 10 💰 \$ 10K-25K/Month 📍 Noida 📅 10-09-2019

DETAILS





Software Engineer, Senior Software Engineer,
Module Lead
HCL Pvt It
👤 25 💰 \$ 25k-35k/Month 📍 Noida 📅 10-10-2019

DETAILS



Sql Server Database Administrator
TCS pvt ltd
👤 10 💰 \$ 10K-25K/Month 📍 Noida 📅 10-09-2019

DETAILS




Activate Windows
Go to PC settings to activate Windows.

← → ↺ 🏠 📍 localhost/campus/crms/jobs-listed.php?page=2

SOME INFO


Latest Job flow-positions

Recent Jobs




SQL DEUFM Software
TCS pvt ltd
👤 12 💰 \$ 10K-25K/Month 📍 K-12345, Sector 234 XYZ
Banglore 📅 20-11-2019

DETAILS





Software Engineer/Senior Software Engineer
C++
Religare Pvt Ltd
👤 10 💰 \$ 15k-35k/Month 📍 H-321 Sector 4 Noida 📅 19-09-2019

DETAILS



Software Engineer, Senior Software Engineer,
Module Lead
Religare Pvt Ltd
👤 10 💰 \$ 25k-35k/Month 📍 H-321 Sector 4 Noida 📅 19-09-2019

DETAILS



Activate Windows
Go to PC settings to activate Windows.

Admin dashboard

The screenshot shows the Admin Dashboard page. The browser address bar displays `localhost/campus/crms/admin/dashboard.php`. The left sidebar contains the following menu items: Dashboard, Total Regd Company, Total Regd Users, Pages, and Reports. The main content area has a blue header bar with the title "Dashboard" and a user profile icon. Below the header, the page is titled "Admin Dashboard". It features three large summary cards: "Total Company Registered" with a value of 5, "Total Users Registered" with a value of 6, and "Total Vacancy Listed" with a value of 12. The bottom section of the dashboard is currently empty.

The screenshot shows the Registered User page. The browser address bar displays `localhost/campus/crms/admin/total-regusers.php`. The left sidebar is identical to the dashboard page. The main content area has a blue header bar with the title "Registered User". Below the header, the page is titled "Registered Company". It includes a "Show 10 entries" dropdown and a search bar. A table lists the registered users with the following data:

S.NO	Full Name	Mobile Number	User Registered Date	Action
1	Rahul Saxena	8989898989	2019-09-04 11:38:37	View Details
2	Farha Akthar	2525252525	2019-09-04 11:39:16	View Details
3	Akash Jain	6544646544	2019-09-04 11:39:54	View Details
4	Ginni Mishra	3636363663	2019-09-04 11:40:43	View Details
5	Anuj kumar	6174512546	2019-10-07 23:10:35	View Details
6	ABC	123458900	2019-10-09 22:23:26	View Details

Below the table, it says "Showing 1 to 6 of 6 entries". At the bottom right, there is a watermark for "Activate Windows" and a "Previous 1 Next" navigation bar.

CHAPTER 5 RISK ANALYSIS

S.No	RISK	CATEGORY	PROBABILITY (P)	IMPACT (I)	RMM PLAN
1.	SOME TEAM MEMBER BECOME SICK IN BETWEEN	TECHNICAL RISK	20%	2	OTHER TEAM MEMBERS DISTRIBUTE THE WORK IN BETWEEN THEM
2.	DELIVERY DEADLINE TIGHTENED	PROJECT RISK	30%	1	TEAM MAY USE EXTRA MEMBERS TO DO JOB ON SCHEDULED TIME
3.	LOSING OF ALL PROJECT DATA THIS MAY HAPPEN DUE TO HARD DISK FAILURE	PROJECT RISK	20%	2	BACK UP THE PROJECT ONLINE OR IN EVERY SYSTEM OF EVERY MEMBER
4.	TEAM DISTENTION / LACK OF COHESION	PROJECT RISK	10%	3	WE MAKE SOME RULES HOW WE CONSULT EACH OTHER

REFERENCES

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➤ **References Books:**

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Expert PHP and Mysql – Andrew Curioso , Ronald Bradford ,Patrick Galbraith publication,

Fourth Edition , 2010

CONCLUSION

Campus Recruitment Application plays a crucial role in modern talent acquisition strategies, offering numerous benefits such as improved efficiency, effectiveness, and organizational performance. However, these systems also face challenges related to implementation, data accuracy, and stakeholder engagement. Future research should focus on addressing these challenges and leveraging emerging technologies to further enhance the capabilities of campus recruitment systems. Overall, the literature reviewed underscores the significance of campus recruitment systems in connecting organizations with top talent and driving organizational success.

CERTIFICATE OF ORIGINALITY

This is to certify, that the research paper submitted by Ms. Pratiksha Patil is an outcome of my independent and original work. I have duly acknowledged all the sources from which the ideas and extracts have been taken. The project is free from any plagiarism and has not been submitted elsewhere for publication.

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CAMPUS RECRUITMENT APPLICATION

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ABSTRACT

Campus Recruitment System (CRS) is web-based software to reduce communication gap between company student and incharge. The Main objective of this solution is to make easy the recruitment process of any organization. This CRS is designed by keeping in mind both parties student and company.CRS allows student to register their details like skills and experience with the system, and then on the other hand even it allows company to post their requirements with the system. Campus Recruitment Management system Is helpful for the companies which are in need of employo-ees, students who are in need of job. This portals main aim is to provide the vacancies available for the students. CRS will automatically send mails to all students whose skills are matched with the requirement.The Campus Recruitment System (CRS) project aims to streamline and enhance the process of hiring new talent from educational institutions. In today's competitive job market, organizations recognize the importance of recruiting top-notch candidates early in their academic careers. CRS offers a robust platform that connects recruiters with potential candidates, simplifying the entire recruitment lifecycle.

INTRODUCTION

Campus recruitment is the process of recruiting young talent directly out of colleges/universities. In this case, companies use campus drive as a way to fill their companies with young talented employees. Also, it is considered one of the best ways to hire fresh talent right off the college.Campus Recruitment Application System a digital platform designed to facilitate the recruitment process between employers and students/alumni of educational institutions. It typically includes features for job posting, candidate application, resume screening, scheduling interviews, and communication between recruiters and candidates. Campus Selection System is a platform that provide interface between students and company. System provides the list of suitable companies to the students, according to their educational qualification, experience and their preferences. System provides the list of eligible students from a pool according to required skill for vacancy of company.

The aim is to provide services to both the Employer and the Graduate by recruiting Graduates according to the employer specifications. The main flow of the project goes as follows.

The three main users involved in this system are

1. Student
2. Employer
3. Administrator

METHODOLOGY

Data Flow chart

LEVELS OF DFD:

The complexity of the business system means that it is a responsible to represent the operations of any system of single data flow diagram. At the top level, an Overview of the differentsystems in an organization is shown by the way of context analysis diagram. When exploded into DFD.

They are represented by:

1. LEVEL-0 : SYSTEM INPUT/OUTPUT
2. LEVEL-1:SUBSYSTEM LEVEL DATAFLOW FUNCTIONAL

The input and output data shown should be consistent from one level to the next.

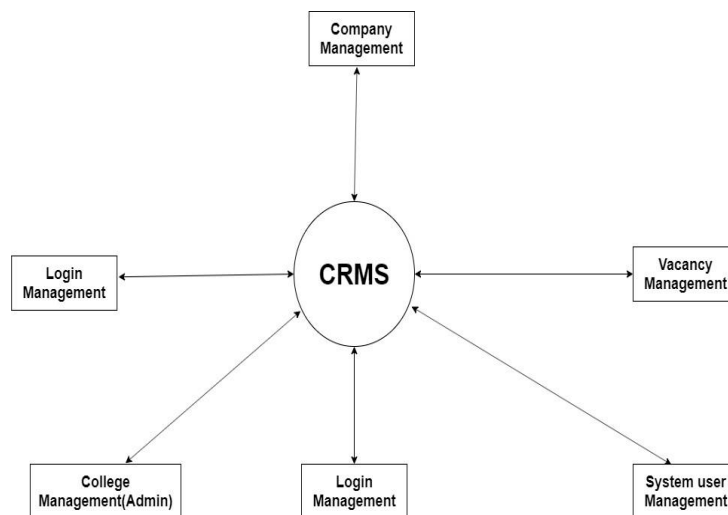
LEVEL-0:SYSTEM INPUT/OUTPUT LEVEL

A level-0 DFD describes the system-wide boundaries, dealing inputs to and outputs from the system andmajor processes. This diagram is similar to the combined. user-level context diagram.

LEVEL-1: SUBSYSTEM LEVEL DATA FLOW

A level-1 DFD describes the next level of details within the system, detailing the data flows between subsystems, which makeup the whole.

Zero Level DFD



description of the hardware, software and communication interfaces and provides basic prototypes of the user interface.

1. The **protocol used** shall be **HTTP**.
2. The Port number used will be 80.
3. There shall be logical address of the system in IPv4 format.

2. Hardware Interfaces

1. **Laptop/Desktop PC**-Purpose of this is to give information when student ask information about placements, available vacancies, which companies allow for the jobs etc. To perform such action it need very efficient com-puter.
2. **Laser Printer (B/W)** - This device is for printing student's info etc.
3. **Wi-Fi router** - Wi-Fi router is used to for internetwork operations inside of college campus and simply data transmission from pc's to server.

Software Interfaces

1. **XAMPP Server**- using run the php code
2. **Mysql server** - Database connectivity and management
3. **OS Windows 7/8/8.1**- Very user friendly and common OS

System Specifications

H/W

Requirement

1. Core i5 processor
2. 2GB Ram
3. TB hard disk space in Server Machine
4. 20GB of hard disk space in terminal machines

S/W Requirement

1. Windows 7 or above operating system
2. JRE 1.8
3. Mysql server

Product functions

Types Of Modules

1. Admin

2. Company

3. User (Candidates/ Students)

1. Admin

1. **Dashboard:** In this section, admin can see all detail in brief like Total Company Registered, Total User (Candidates) Registered and Total Vacancy Listed.
2. **Total Registered Company:** In this section, admin can view detail of registered company.
3. **Total Registered Users:** In this section, admin can view detail of users.
4. **Pages:** In this section, the admin can manage about us and contact us pages.
5. **Reports:** In this section admin can view how many company has been registered in particular period and also view how many vacancy counts listed by particular company in particular periods.
6. Admin can also update his profile, change the password and recover the password.

2. Company

1. **Dashboard:** In this section, company can see all detail in brief like Total Number of application received, Total number of new applications, Total number selected application, Total number of rejected applications.
Post Vacancy: In this section, company can manage job posting (Add/Manage).
2. **Job Application:** In this section, company can view total new applications received, total sorted applications and total rejected applications and company also have right to sort application and reject application and this selected and rejected message send to c

3. Reports: In this section, company can view job posting in a particular periods and also see how many applications has been received in a particular periods.

Company can also update his/her company profile, change the password, see the notifications of new applications received and recover the password.

3. User

1. Home Page: User can see latest job posted on home page.
2. About Us: User can view about us page.
3. Listed Jobs: User can view total listed jobs.
4. Contact us: User can view contact us page. Candidates: In this guest user can registered himself/herself.

ACKNOWLEDGEMENT

Apart from the efforts of team, the success of any project depends largely on the encouragement and guidelines of many others. We take this opportunity to express our gratitude to the people who have been instrumental in the successful completion of this project. The completion of any inter-disciplinary project depends upon cooperation, coordination and combined efforts of several sources of knowledge. We are eternally grateful to our teacher **Prof. Mr. Patange S. P.** for her even willingness to give us valuable advice and direction under which we executed this project. Her constant guidance and willingness to share her vast knowledge made us understand this project and its manifestations in great depths and helped us to complete the assigned tasks.

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It is great pleasure that our company has sponsored all the project work from the students of, Department of Computer Science & Engineering, Shree Santkrupa Institute of Engineering and Technology, Ghogaon. Conducted a Campus Recruitment Application website as their final year project for the academic year 2023-24.

1. Ms. Rutuja Patil
2. Ms. Shrutika Patil
3. Ms. Nikita Patil
4. Ms. Pratiksha Patil
5. Ms. Kajal Bade

We have gone through all technicalities and feasibility of above mentioned project and had provided technical and financial sponsorship for the given project in A.Y. 2023-2024.

A handwritten signature in blue ink, appearing to read 'Soham More', is positioned above a horizontal line.

SOHAM MORE

Technical Director

www.globaleyetechnology.com