

A

Project Report on

Company Systems Workflow Mapping



Submitted to:

Department of Computer Engineering
Cusrow Wadia Institute of Technology, Pune – 411001

By:-

- | | |
|------------------------------|--------|
| 1. Sarvesh Anand Mankar | 194009 |
| 2. Gourav Balaji Suram | 194028 |
| 3. Umer MohmmadRafiqu Shaikh | 194032 |

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Under the guidance of
Prof. R. P. Shete

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Department of Computer Engineering
Cusrow Wadia Institute of Technology, Pune – 411001
(2021 - 2022)

CERTIFICATE



This is to certify that the below mentioned third year diploma students have carried out the project work on “Company Systems Workflow Mapping” in the department of Computer Engineering, Cusrow Wadia Institute of Technology, Pune-1. They have completed this project work under my guidance and in satisfactory manner in July 2022 of third year diploma.

- | | |
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| 1. Sarvesh Anand Mankar | 194009 |
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Computer Engineering students have successfully completed project on “Company Systems Workflow Mapping” towards the fulfilment of their Diploma in Computer Engineering in academic year 2021-2022.

Date: 16/07/2022

Prof. R.P. Shete

Guide

Dr. A. S. Chandak

I/C H.O.D Computer Dept.

Prof. V.R. Rao

Principal

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1. Introduction

In this world of growing technologies everything has been computerized. Most of the daily routine tasks needs to be automated to increase the proficiency in the work. With large number of demands and working opportunities the data size has been increased. This there is a need of a system which can handle the data efficiently. This project simplifies the task to maintain each and every working group of the organization. It stores the data efficiently and makes sure that it is used effectively.

The Company Management System has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by the organization. Moreover, this system is designed for the particular need of the organization to carry out operations in a smooth and efficient manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves its user friendly.

The Company Management System will have certain roles that will perform the Top-Level Management tasks, certain roles for performing Mid-Level Management tasks and Employee role which enhance the integrity of the company. The tasks are assigned and completed in a agile manner.

2. Acknowledgement

We take this opportunity in expressing the fact that this project report is the result of incredible amount of encouragement, co-operation and moral support that we have received from our beloved teachers, mentors and colleagues.

We are privileged to present the project report on “Company Management System – Organization Workflow Mapping” and to express our deep regards towards those who have offered their valuable time and guidance in our hour of need because when any work is to be completed successfully it should be supported and guided by knowledgeable mentors.

“No one achieves success does so without acknowledging the help of others. The wise and confident acknowledge this help with gratitude.”

~Alfred North Whitehead

We are highly indebted to “Dr. A. S. Chandak (H.O.D Computer Dept.)” and our project guide Prof. R. P. Shete for her guidance and constant supervision as well as providing necessary information regarding project and also for their support in completing project.

We would like to express our gratitude towards our sponsors and members of computer engineering department for their kind co-operation and encouragement which helped us in successful completion of this project.

- | | |
|----------------------|--------|
| 1. Sarvesh A. Mankar | 194009 |
| 2. Gourav B. Suram | 194028 |
| 3. Umer M. Shaikh | 194032 |

3. Abstract

There are numerous of activities which needs to be performed for the smooth flow of the company. Handling these tasks manually would take lot of time and will affect the outcome adversely. “Time is Money”, which brings our Company System into picture. This project helps to reduce the manual tasks, and computerizes the various assets that will boost the company’s progress.

“Company Management is like juggling three balls: time, cost and quality. Company management is like a troupe of circus performers standing in a circle, each juggling three balls and swapping balls from time to time.”

~ G. Reiss

The Project will allow admin to add new employees, managing their work, adding new client projects, assigning work to employees, marking employee attendance, managing Project files & reports, salary management, invoice and receipt generation, etc. which makes the whole organization managed effectively by using a single application.

Every organization, whether big or small, have multiple assets which need to be managed properly in order to achieve maximum profits, therefore we designed exclusive Company Management System that adapt to all the managerial and daily routine requirements. This is designed to assist in strategic planning and will help you ensure that your organization is able to achieve its goals. This system ultimately allows you to better manage resources.

4. Keywords

Employee Management System, Training Programs, Hiring System, Evaluation Platform, Employee Assessment System, Project Management System, Client Management System, Finance Structure, Invoice generation, Report generation, Attendance System, Salary System, Responsive Pages, Database Management.

5. Presently Available System

A Company not only needs automation but also to maintain the workflow and make reliable updates to maintain the stage as planned. Having a distinctive software helps to boost the enterprise tasks resulting into the growth of the firm. The identification of the needs and implementation of the current and future demands are essential for any organization.

The current system includes bunch of manual tasks which eventually slows down the time period of the firm. Having an automation system will help to do the frequent tasks with much swifter and robustness.

Some of the renowned Company System software are Zoho One, Scoro, StudioCloud, Odoo, BaseCamp, NetSuit, Clarizen, etc. and their common features are:

1. User-Friendly Interface.
2. Mobile Accessibility.
3. Structured Task Planning.
4. Task Scheduling.
5. Task Tracking.
6. Task Communication.
7. Integrated Time Tracking.
8. Collaborative Features.

6. Need of Such System

A good change is the one that happens gradually - the business and employees also need some time to adjust to the newly implemented system. The manual system will reduce the efficiency in the communication which can create complication in the updates of the projects. As a result, a responsible firm needs management system to track the activities and improvise them to maximize the profits and to stand against stiff competition in the market.

Benefits of Company System

1. **Enhanced management** - well-organised and systematised business processes.
2. **Increased employee engagement** - each member of staff is actively involved in the decision-making processes thanks to an excellent information flow.
3. **Collaboration** - cross-functional teams working along to achieve specific company goals.
4. **Simplicity** - things are operating smoothly, easily and efficiently; the system is user-friendly, which makes navigating between different screens seamless and effortless for anyone with access rights.
5. **Costs** - an all-in-one business management solution will save you money that you would otherwise have to pay for each individual piece of software providing various services.
6. **Accessibility** - allows you to access the parts of the system that you need regardless of time or place and, at the same time, prevents those with no access rights from entering; it simply matches access to responsibilities and ensures that the information stays secure.
7. **Avoiding errors** - with business management software, you only introduce the information once and the system will take care of the rest; this automation leaves no room for any error whatsoever.

7. Detailed Problem Statement

Whether a large or small organization, it has to manage multiple tasks at the same time. Manually doing all those tasks lacks in efficiency and also takes a lot of time. Managing all the paper work is also a challenging task, so now a days there is a demand of having all the task managed from a single compact workspace that will make an organization easy to coordinate between different departments.

To create a better environment and workspace for each client as well as the employee is vitally important to run the routine cycle of the firm.

Company system offers all the required feature required by a firm to perform the ongoing tasks and create a convalescent domain. Main aim of the Company System is to keep healthy workplace.

8. Hardware and Software Requirements

Hardware Requirements

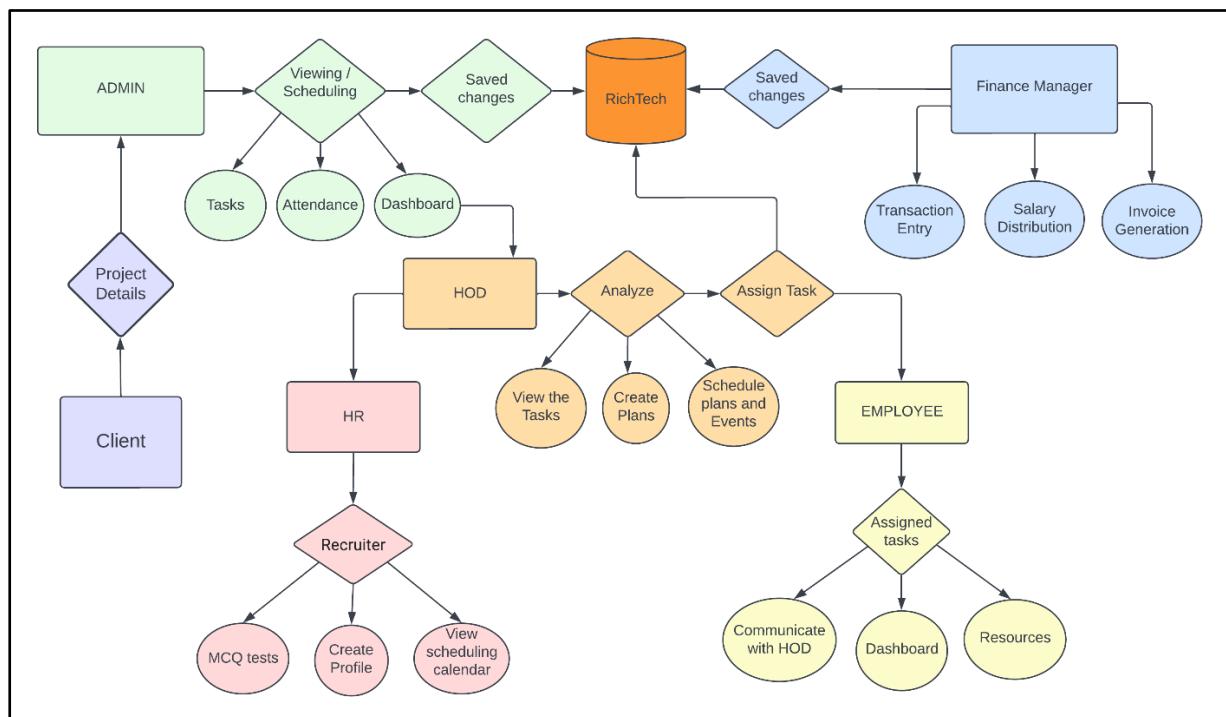
- Processor : Intel i5 5th Generation
- Cores : 4
- Processor Speed : 3.0 GHz
- RAM : 4 Gigabytes
- SSD : 1024 Megabytes
- Speed : 1.10 GHz
- Clock Speed : 2.4 GHz
- Graphics : Intel Iris XE

Software Requirements

- Operating System : Windows 11 / Linux
- Application : Xampp, Apache Server
- Tools and utilities : PHP Server, Git Bash
- IDE : VSCode, NVIM, Vi, Sublime
- Front End : HTML, CSS, JS
- Framework : Bootstrap
- JavaScript Libraries : jQuery UI, jQuery Migrate, Data-Tables.

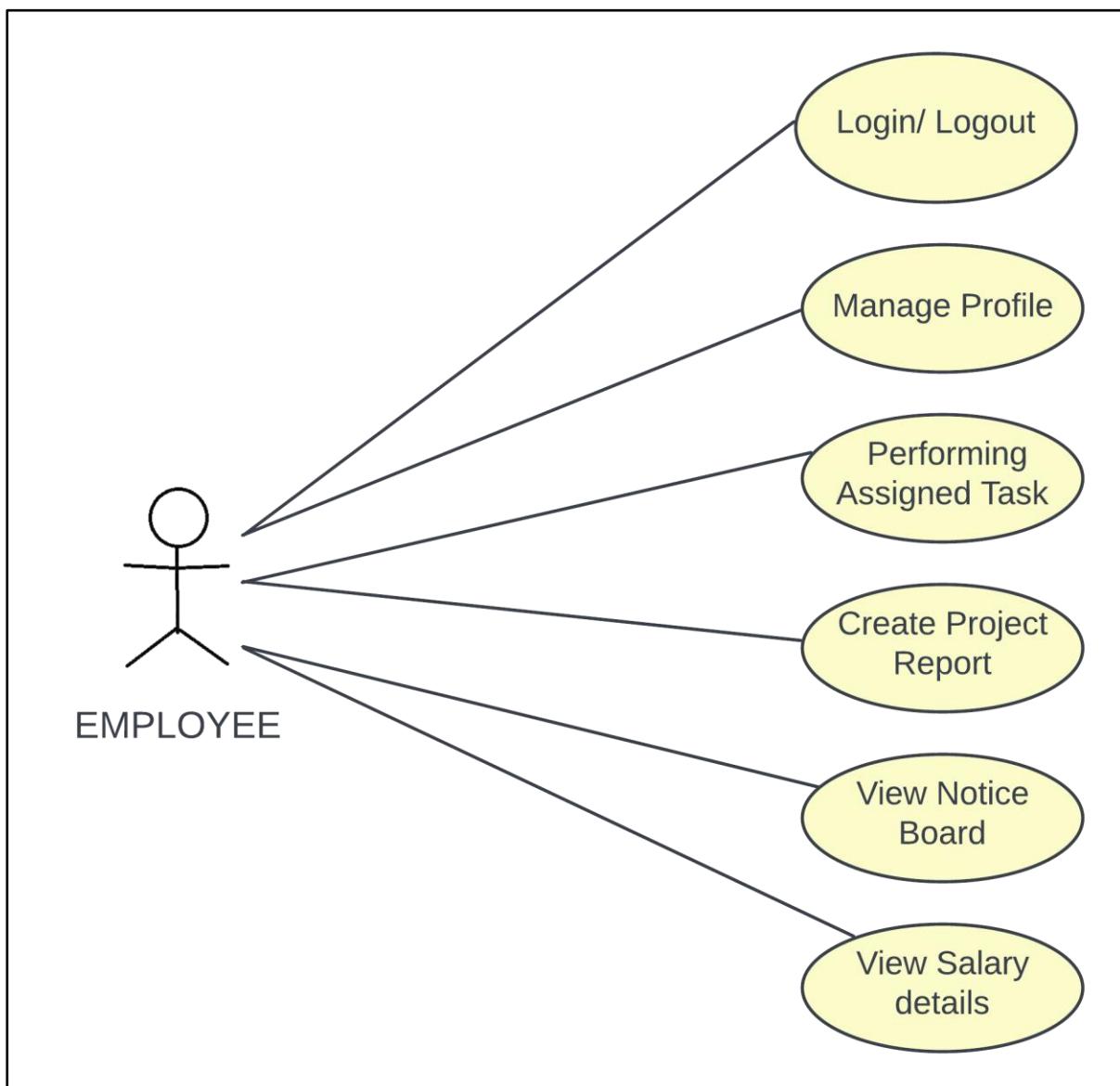
9. System Design

9.1 ER Diagram

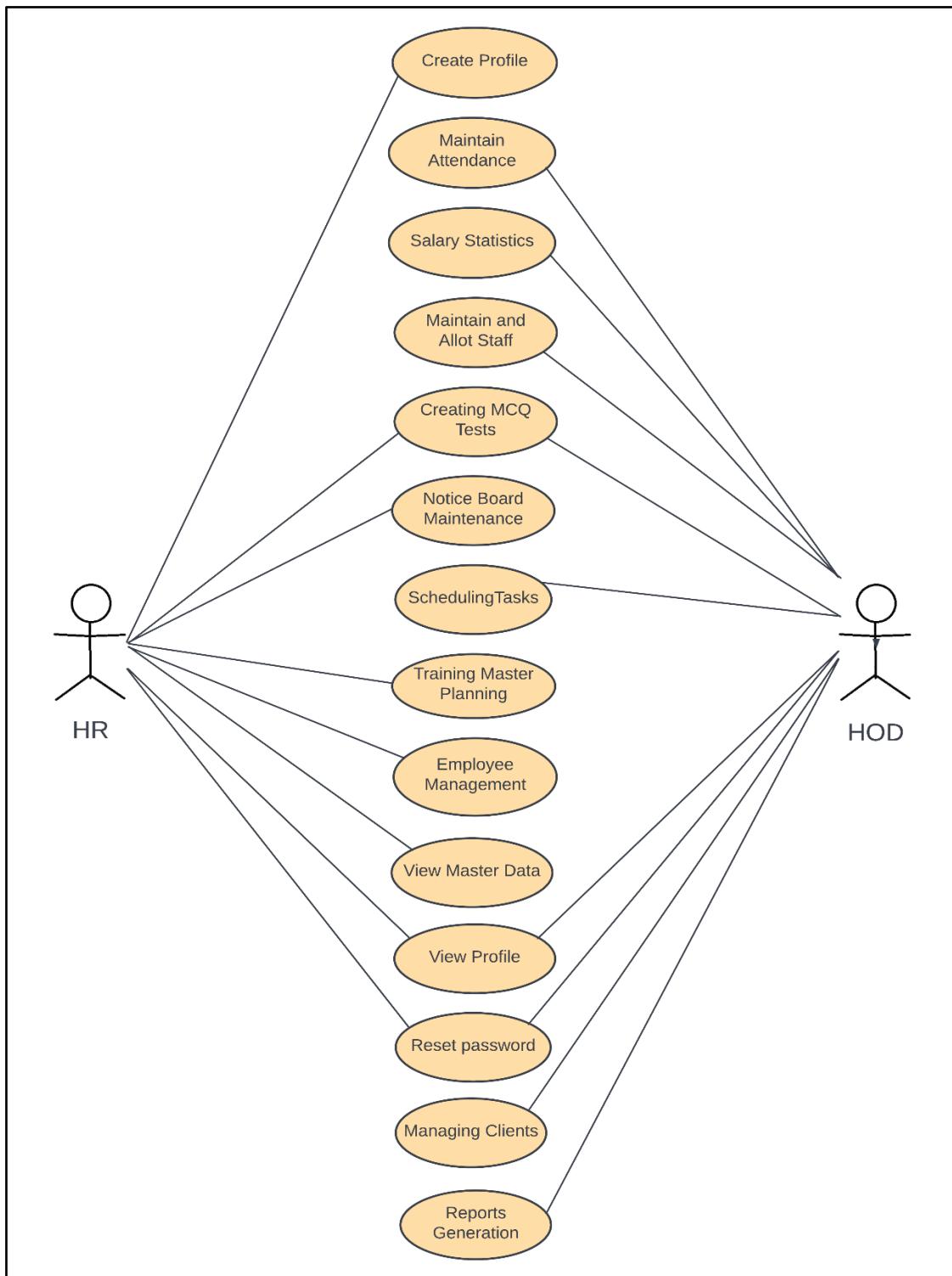


9.2 Use Case Diagram

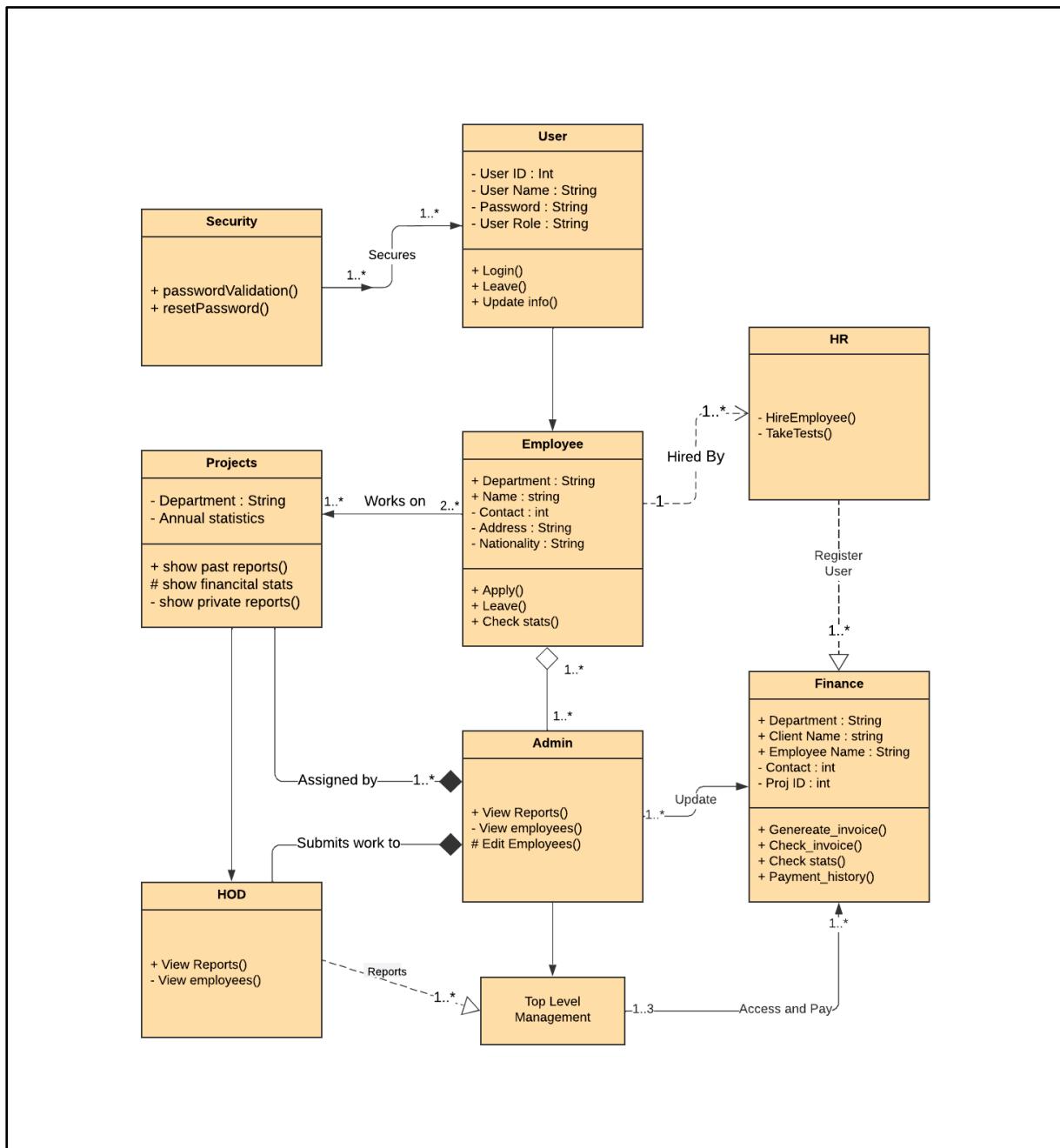
9.2.1 Employee



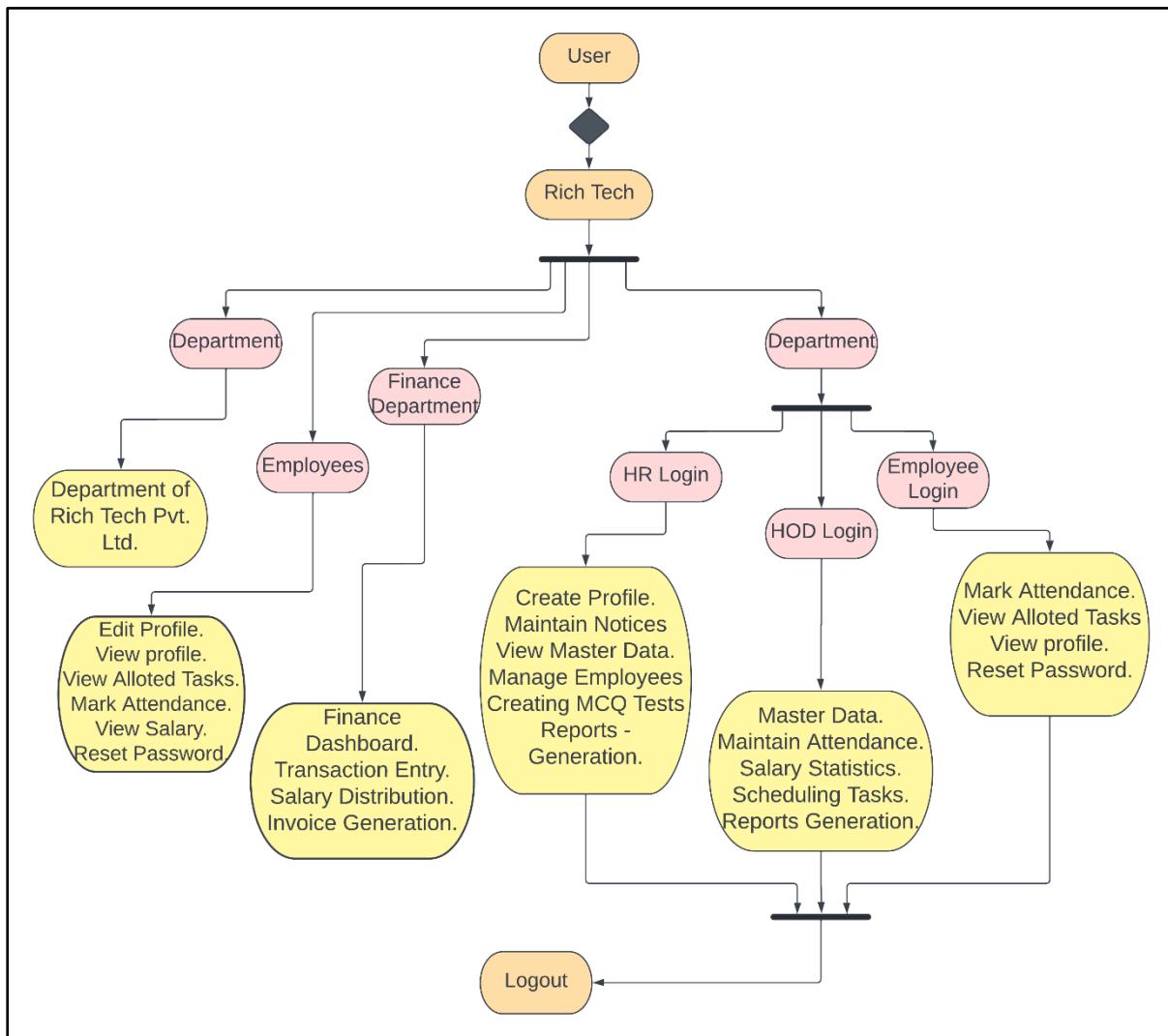
9.2.1 H.O.D and H.R



9.3 Class Diagram

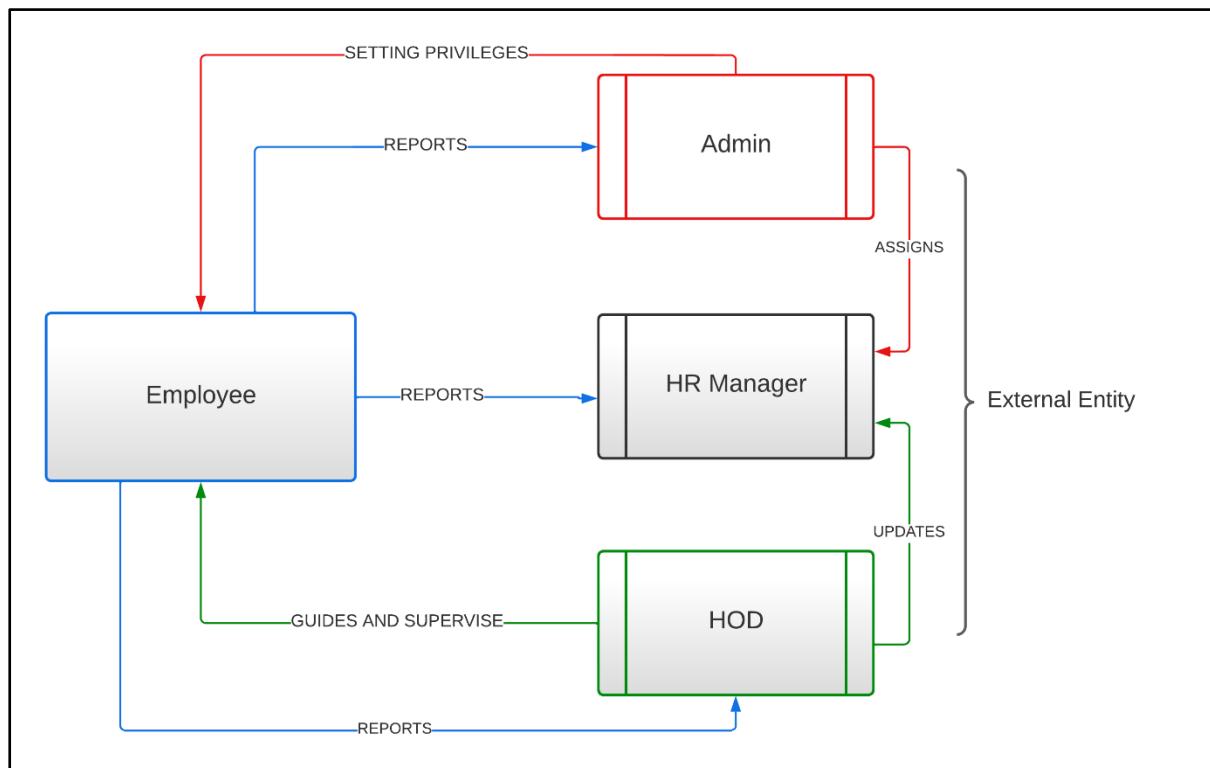


9.4 Activity Diagram

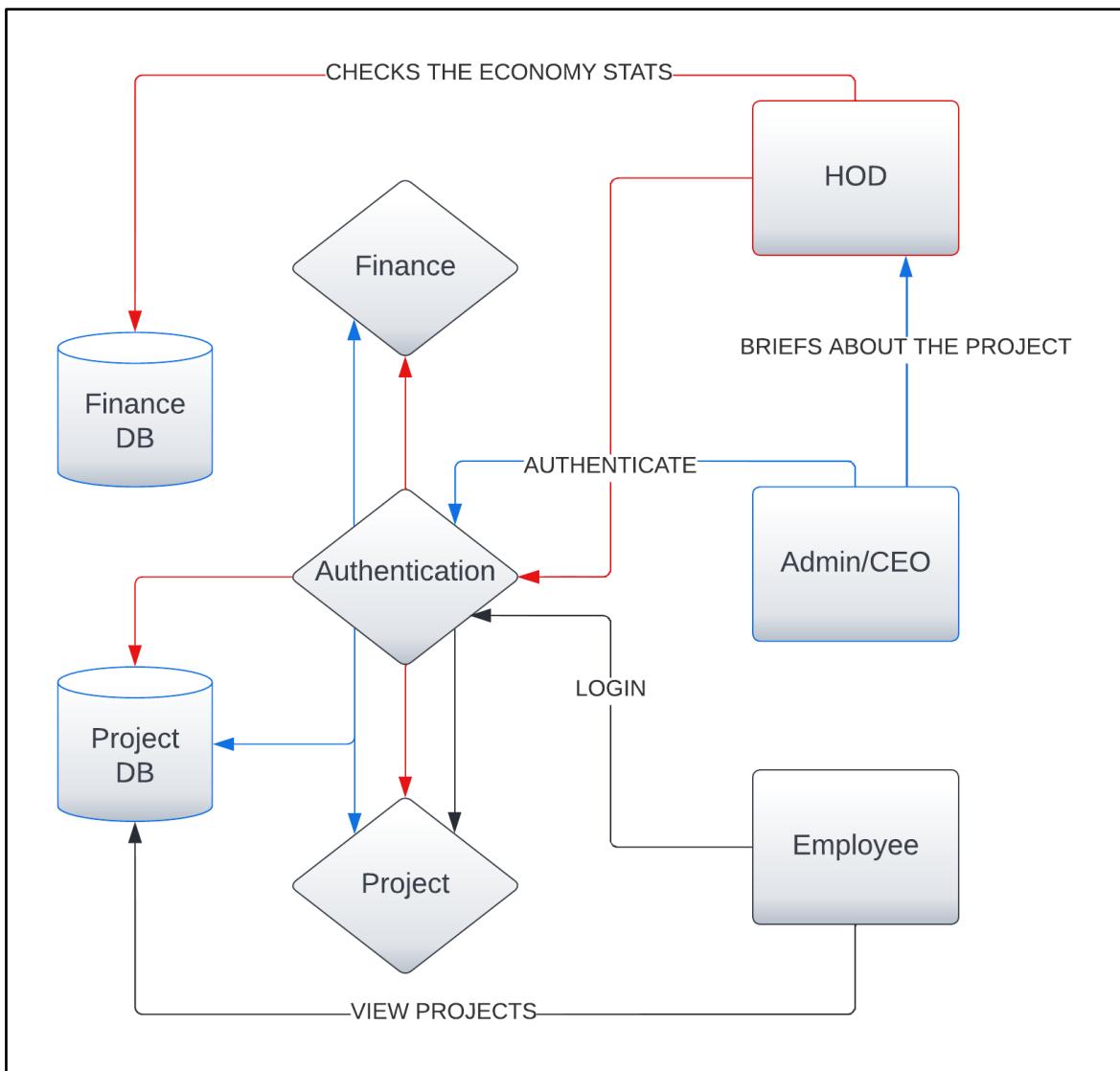


9.5 Data Flow Diagram

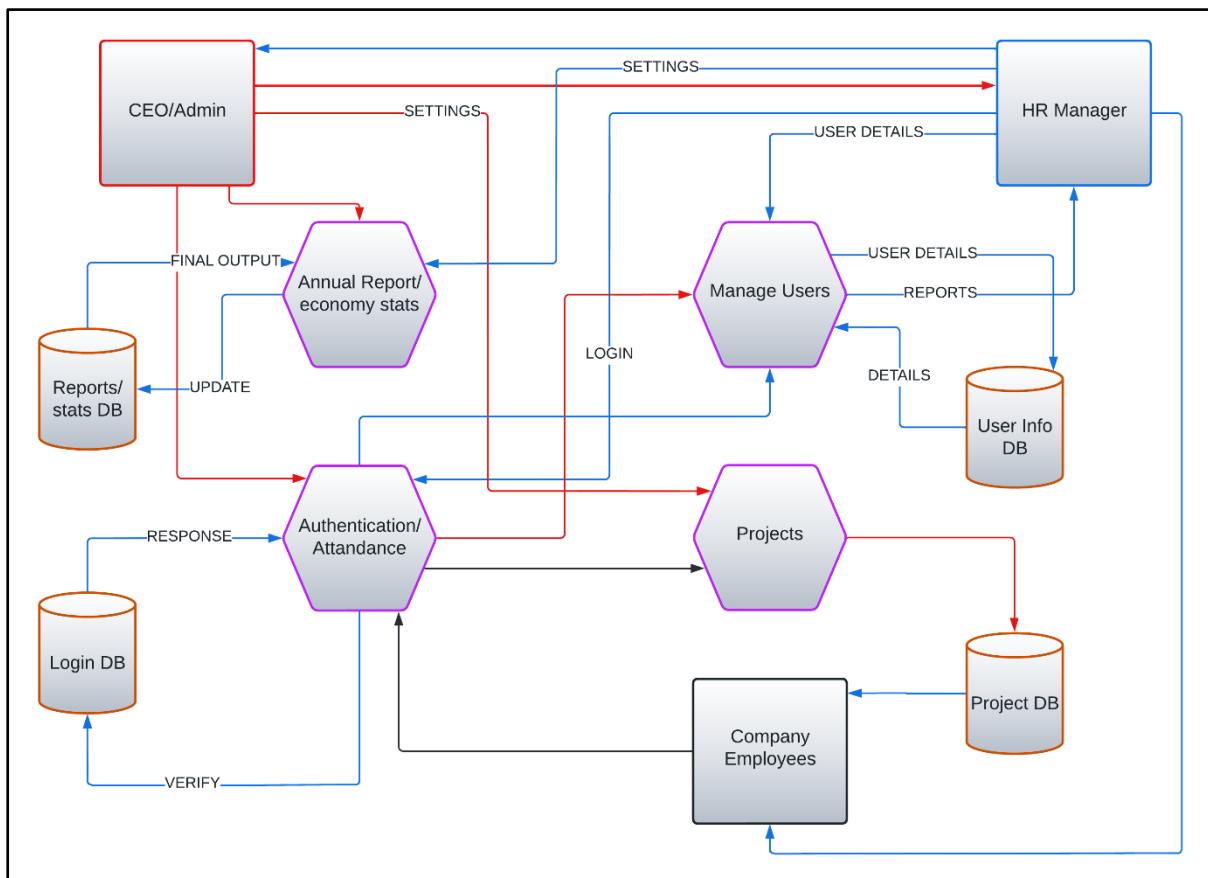
9.5.1 DFD Level 0



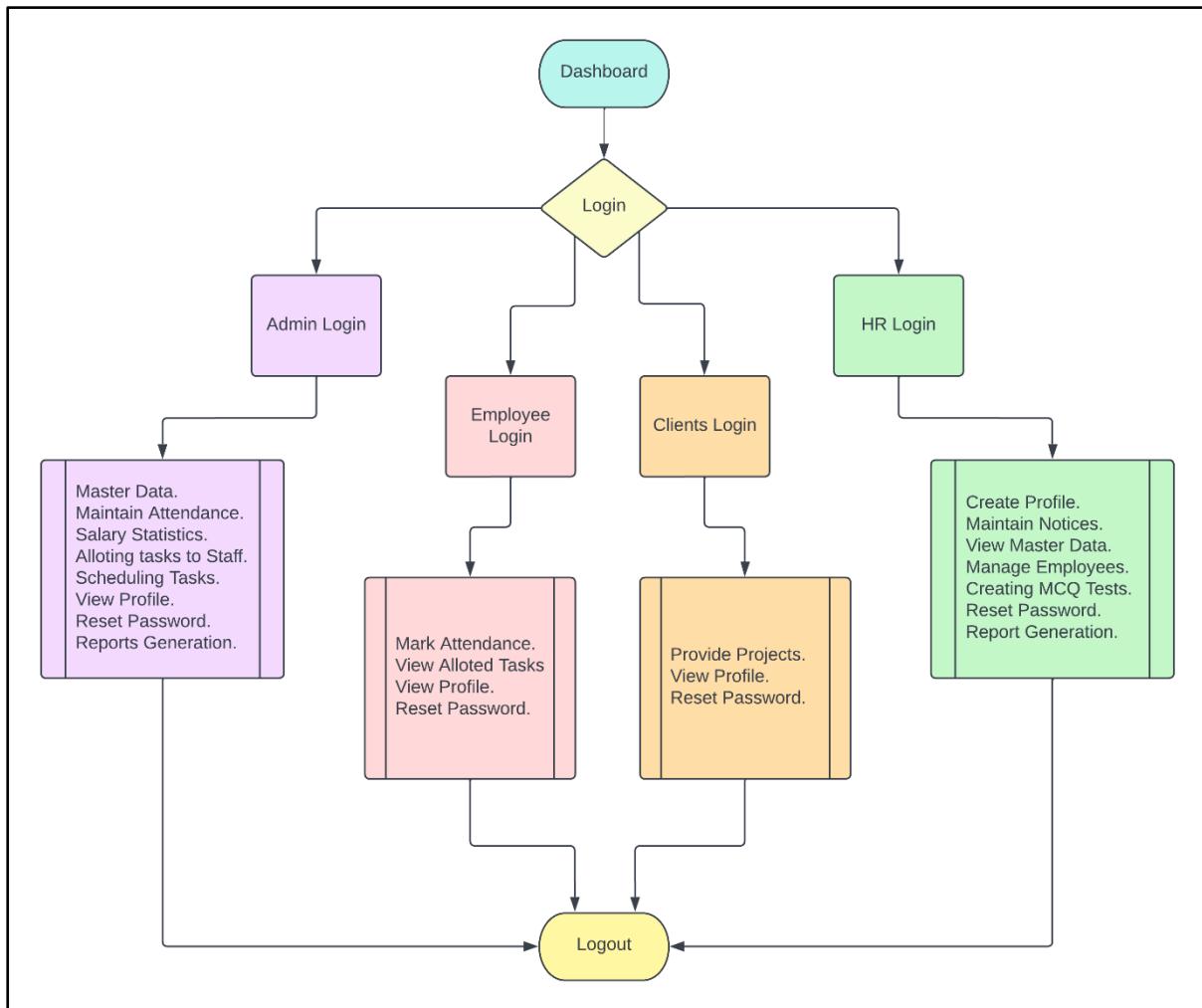
9.5.2 DFD Level 1



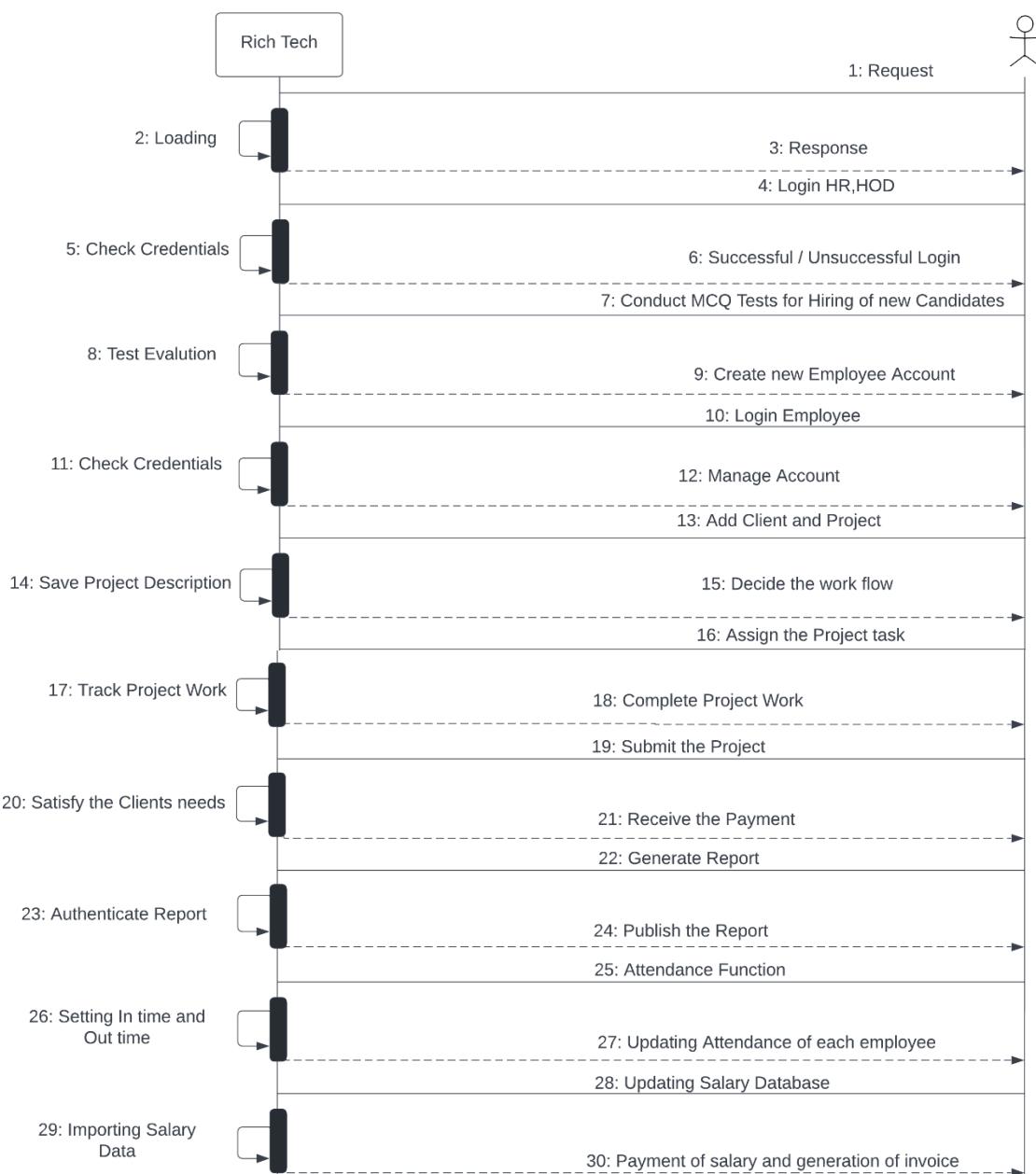
9.5.3 DFD Level 2



9.6 Flow Diagram



9.7 Sequence Diagram



10. Application Preview

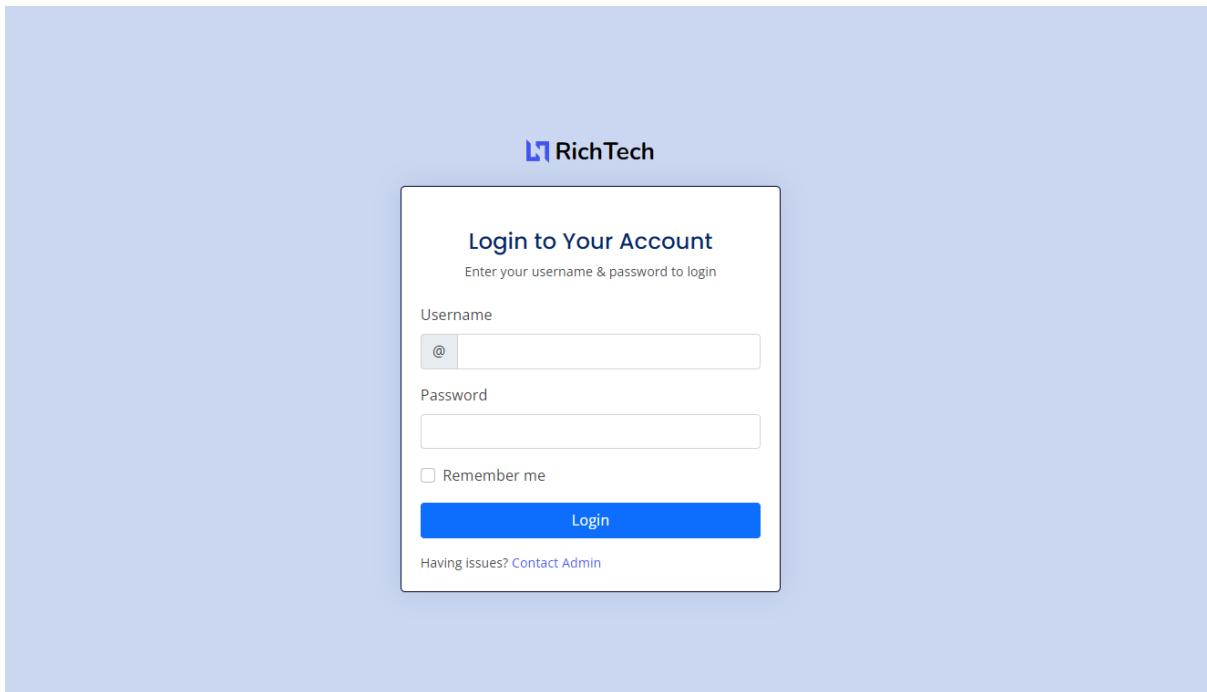


Fig 1: Login Screen

Fig 2: Admin Dashboard

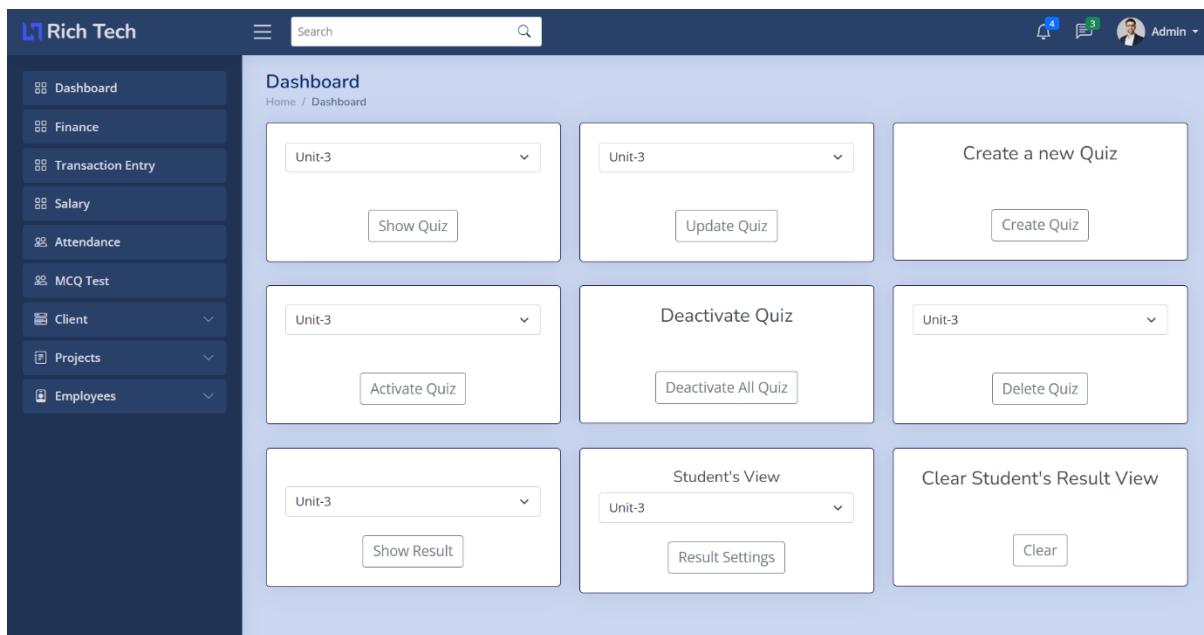


Fig 3: MCQ Dashboard

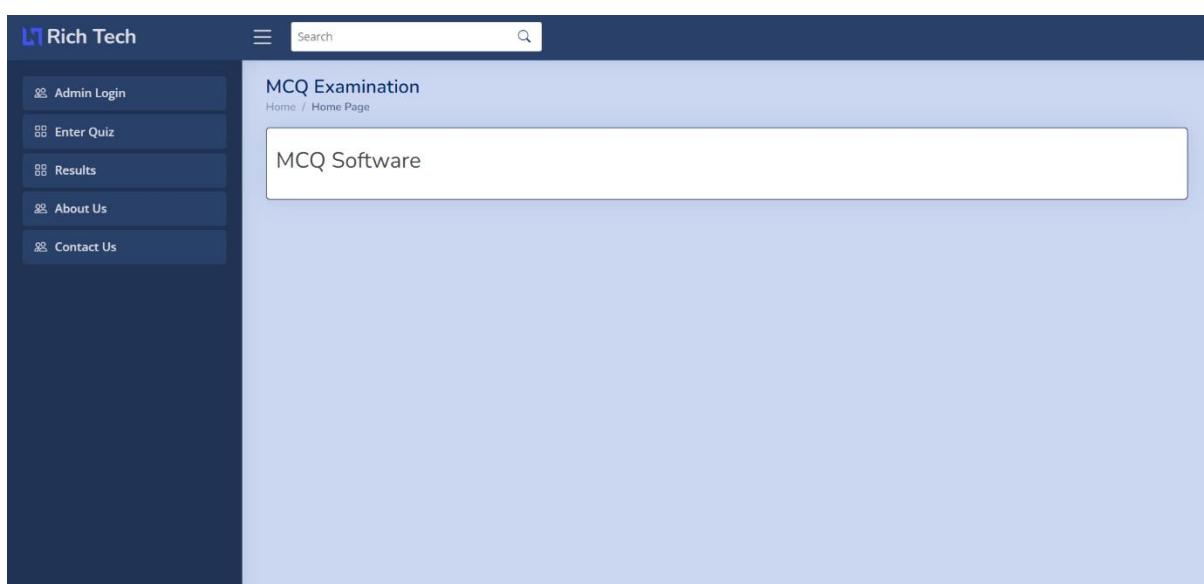


Fig 4: MCQ Dashboard – Candidate

The screenshot shows a web application interface for an MCQ examination. The header features a logo for 'Rich Tech' and a search bar. On the left, a sidebar contains links for Admin Login, Enter Quiz, Results, About Us, and Contact Us. The main content area is titled 'MCQ Examination' and shows the path 'Home / Home Page'. A large input field labeled 'Enter Your Details!' is present. Below it are four smaller input fields for 'Email Id', 'Full Name', 'Enrollment Number', and 'Mobile Number'. A green 'Next' button is located at the bottom right of this section.

Fig 5: MCQ – Fill up form

The screenshot shows the same web application interface. The main content area is titled 'MCQ Examination' and shows the path 'Home / Home Page'. It displays a section titled 'Instructions:-' containing three items: '1. Keep a Stable Internet Connection.', '2. Submit the Test in given Time.', and '3. If any issues, please contact to Admin.'. A green 'Proceed' button is located at the bottom right of this section.

Fig 6: MCQ – Instructions

The screenshot shows a web application interface for a 'MCQ Examination'. The left sidebar has links for Admin Login, Enter Quiz, Results, About Us, and Contact Us. The main content area has a search bar at the top. Below it, the title 'MCQ Examination' and 'Home / Home Page' are displayed. A section titled 'Unit-3' contains a question: 'Which of the following are valid function names?'. It lists four options: i) function(), ii) .function(), iii) €(), and iv) \$function(). Below the list are radio buttons for 'Only iv)', 'Only ii) and i)', 'Only iii)', and 'None of Above'. Another question follows: 'Which functions is used to find position of first occurrence of a particular character in a string?'. It lists two options: strpostion() and pos().

Fig 7: MCQ Exam Page

The screenshot shows a confirmation message after a submission. The left sidebar is identical to Fig 7. The main content area displays a large box with the text 'Your Response has been recorded!' and 'Thank You CWIT-Student'.

Fig 8: MCQ Submission

The screenshot shows a web application interface for 'MCQ Examination'. At the top left is the logo 'Rich Tech'. To its right is a search bar with a magnifying glass icon. Below the search bar, the title 'MCQ Examination' is displayed, followed by 'Home / Results'. On the left side, there is a vertical sidebar with a dark blue background containing five menu items: 'Admin Login', 'Enter Quiz', 'Results', 'About Us', and 'Contact Us'. The main content area has a light blue background. It features a large rectangular box labeled 'Results'. Below this box is another rectangular input field with the placeholder 'Enter Roll Number'. To the right of this input field is a green 'Show' button.

Fig 9: MCQ- Check Result Form

The screenshot shows a web application interface for a 'MCQ Examination'. On the left, a sidebar menu includes 'Admin Login', 'Enter Quiz', 'Results', 'About Us', and 'Contact Us'. The main content area is titled 'MCQ Examination' and shows the 'Results' page. A search bar at the top right has the placeholder 'Search'. Below it is a form with a text input 'Enter Roll Number' and a button 'Show'. The results for Sarvesh Anand Mankar are displayed, including his name, roll number (194009), email (mankarsarvesh2543@gmail.com), mobile number (8208419540), marks scored (20), and percentage scored (100%). A detailed table below shows the question and its four options, along with the given answer.

#	Question	Option 1	Option 2	Option 3	Option 4	Given Answer
1	What will be output of following code? \$txt = "I am cwtain!"; echo ucword(\$txt); ?>	I Am Cwtain!	I am cwtain!	i am cwtain!	None of above	None of above

Fig 10: MCQ Result Page

The screenshot shows a dashboard titled 'Dashboard' with a sub-section 'Complete Results'. The sidebar menu includes 'Dashboard', 'Finance', 'Transaction Entry', 'Salary', 'Attendance', 'MCQ Test', 'Client', 'Projects', and 'Employees'. The main content area displays the 'Results of Unit-3' for seven students. Each row contains the student's name, roll number, email, marks, percentage, and the date and time of submission.

#	Name	Roll	Email	Marks	Percentage	Submitted At
1	Sarvesh Anand Mankar	194009	mankarsarvesh2543@gmail.com	20	100%	25/12/21 05:23:07am
2	Gourav Suram	194028	gouravsuram91@gmail.com	20	100%	25/12/21 07:06:05am
3	Umer Shaikh	194032	umershaikh194032@gmail.com	9	45%	25/12/21 07:09:23am
4	Mansi Prasad	194066	mansi.194066@gmail.com	12	60%	25/12/21 07:04:26am
5	Lubna Shaikh	194026	lubzee08@gmail.com	12	60%	25/12/21 07:06:14am
6	Rutuja Rama Vanyalkar	194030	rutujavanyalkar@gmail.com	16	80%	25/12/21 07:16:35am
7	Avdhut Kamble	194033	avdhut.kamble776@gmail.com	19	95%	25/12/21 07:06:00am

Fig 11: MCQ Result Stats

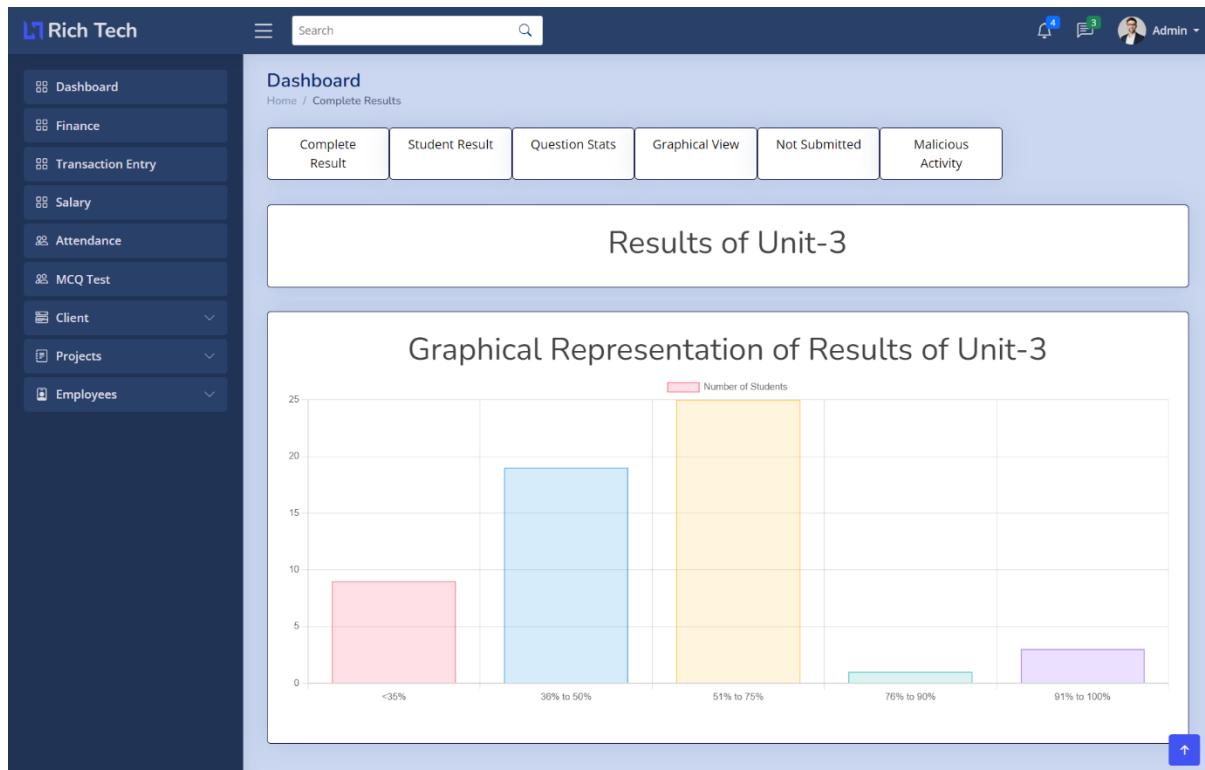


Fig 12: MCQ Graphical Representation of User Stats

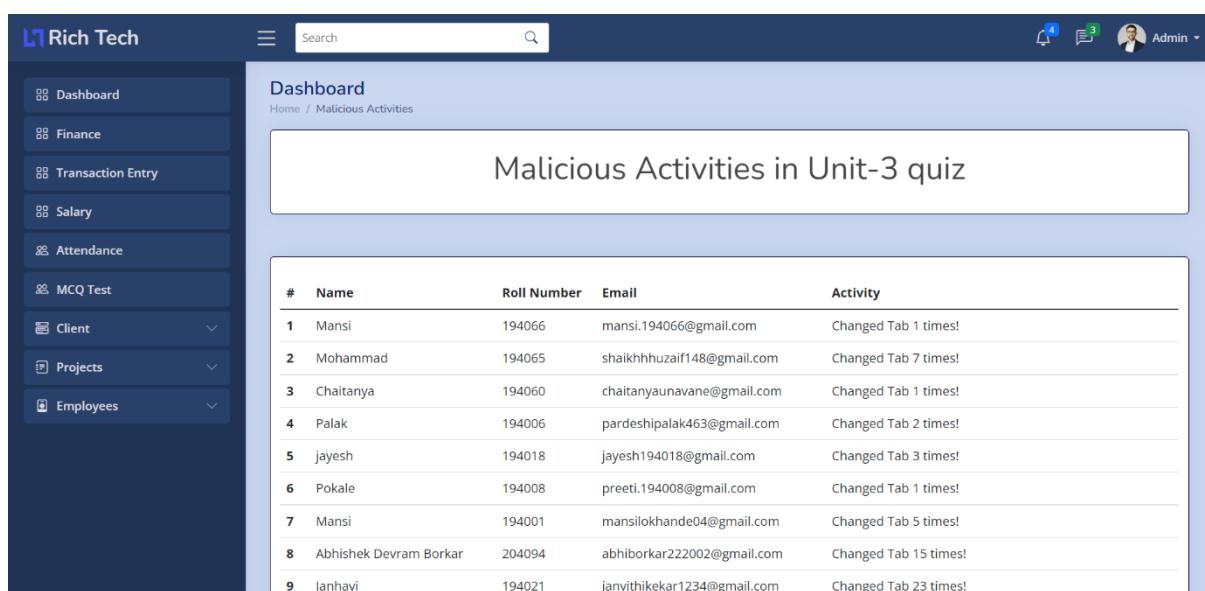


Fig 13: Malicious Activity tracker

The screenshot shows the Attendance module of the Company System. On the left, a dark sidebar menu lists various modules: Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main content area has a header "Attendance" and a breadcrumb "Home / Attendance". It contains two forms: "Attendance Form" with fields for Employee id, Date (dd/mm/yyyy), Time (hh:mm), and buttons "Enter" and "Release"; and "Search by Employee Details" with fields for Employee id and Date (dd/mm/yyyy), and a "Search" button. Below these is a section titled "Current Logs" with a table showing employee attendance details. The table has columns: #, Empid, User Name, Work Profile, Date, In-time, Out-time, and Status. The data shows five entries for employees cwit and DCP. At the bottom, it says "Showing 1 to 5 of 5 entries".

#	Empid	User Name	Work Profile	Date	In-time	Out-time	Status
1	1	cwit	Engineering	2022-06-10	11:23:00	22:26:00	Late/Half Day
2	1	cwit	Engineering	2022-07-01	11:50:00	19:52:00	Late/Half Day
3	2	DCP	Class	2022-07-01	10:22:00	18:24:00	Late/Half Day
4	1	cwit	Engineering	2022-06-01	11:39:00	18:53:00	Late/Half Day
5	1	cwit	Engineering	2022-06-13	08:27:00	18:27:00	Full Day

Fig 14: Attendance Form

The screenshot shows the Finance module of the Company System. The sidebar menu includes Finance, which is currently selected. The main content area has a header "Finance" and a breadcrumb "Home / Finance Dashboard". It features three summary cards: "Income | This month" showing ₹9500 Total with a green dollar sign icon; "Expenses | This Month" showing ₹9000 Total with a blue shopping cart icon; and "Profit | This Month" showing ₹500 Profit Margin with an orange person icon. Below these is a section titled "Financial Status" with a table showing financial transactions. The table has columns: #, ID, Date, From, To, Department, Amount, Narration, Balance, and Receipt. The data shows four entries. At the bottom, it says "Showing 1 to 4 of 4 entries".

#	ID	Date	From	To	Department	Amount	Narration	Balance	Receipt
1	1	2022-07-01	CWIT Technologies	Company	Project	5000	Test	105000	Receipt
2	2	2022-07-02	Company	CWIT Technologies	Software	8000	Company System	97000	Receipt
3	3	2022-07-10	DCP Software Provider	Company	Project	4500	Examination Platform	101500	Receipt
4	4	2022-07-10	Company	FunTech Furniture	Material	1000	Chair	100500	Receipt

Fig 15: Finance Dashboard

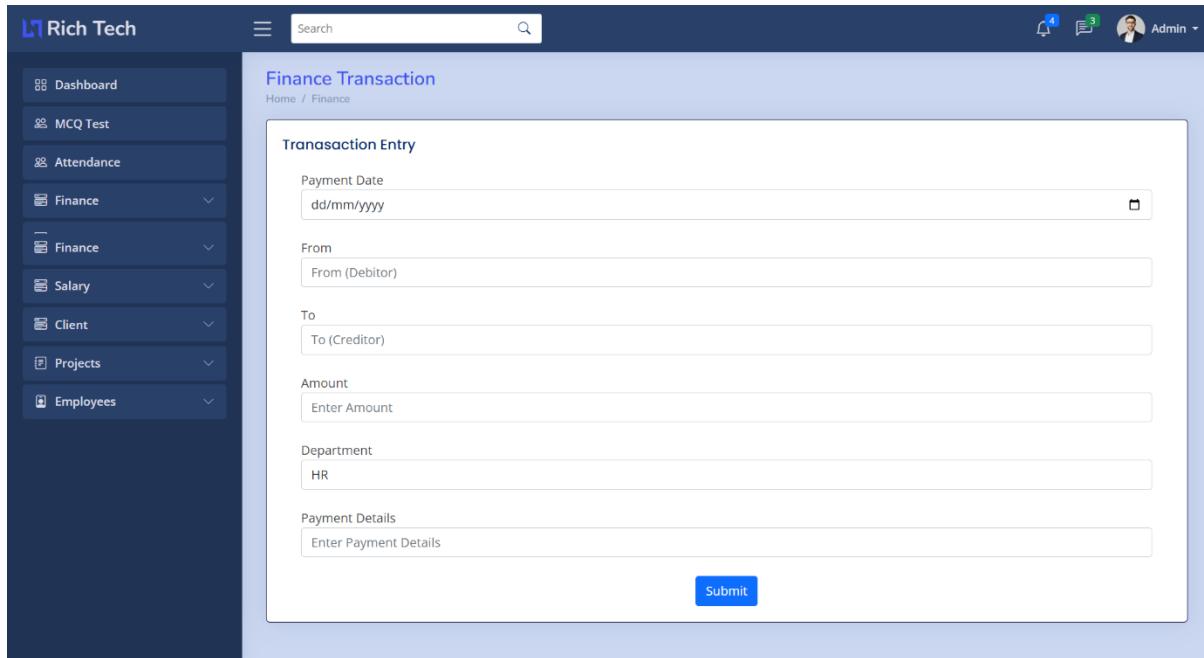


Fig 16: Finance Transaction Form

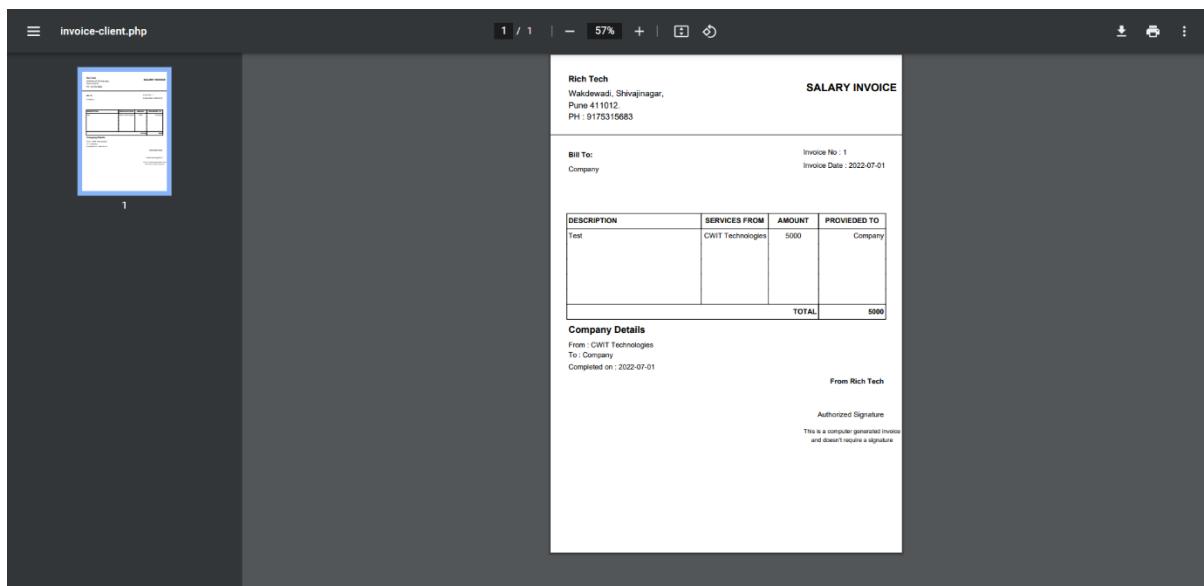


Fig 17: Finance Invoice

The screenshot shows a company management system interface titled "Rich Tech". The left sidebar contains navigation links for Dashboard, MCQ Test, Attendance, Finance (selected), Salary, Client, Projects, and Employees. The main content area is titled "Salary" and shows three summary boxes: "Salary | This month" (₹22468 Total), "Salary | Working Days" (₹14979 To be paid), and "Salary | Deducted" (₹7489 Half day loss). Below these is a section titled "Finance Structure" with a table of salary entries:

#	Emp ID	Month	Days worked	Salary Credit	Salary Deducted	Payment Status	Receipt
1	2	July	1	2777	1388	Paid on 2022-07-07	Receipt
2	1	July	1	5952	2976	Paid on 2022-07-07	Receipt
3	1	June	1	6250	3125	Pending	Receipt

Showing 1 to 3 of 3 entries

Fig 18: Salary Dashboard

The screenshot displays the 'Salary Payments and Invoices' section of the application. On the left, a sidebar menu includes options like Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main area shows three sections: 'Employee Payment - This month', 'Employee Payment - Pending', and 'Current Logs'. The 'Employee Payment - This month' section lists one entry: Emp ID 1, Name CWIT, Salary 5952, Bonus 0, Total Salary 5952, and Status Paid on 2022-07-07. The 'Employee Payment - Pending' section has a dropdown for Month (07 - July) and a 'Pay All' button. The 'Current Logs' section is a table with two entries:

#	Empid	User Name	Work Profile	Department	Salary Paid	Bonus	Paid Date	Month	Receipt
1	2	DCP	Class	Software	2777	0	2022-07-07	July	Receipt
2	1	cwit	Engineering	Software	5952	0	2022-07-07	July	Receipt

Showing 1 to 2 of 2 entries

Fig 19: Salary Statistics

The screenshot shows a PDF document titled 'SALARY INVOICE' from 'Rich Tech'. The header includes the company address: Wakdewadi, Shivajinagar, Pune 411012, PH : 9175315683. The invoice details are as follows:

Bill To:
DCP
Bund Garden, Pune

Invoice No.: 13
Invoice Date: 2022-07-07

DESCRIPTION	BASE SALARY	DEDUCTION	BONUS
Salary for the month of July 2022	2777	1388	0
		TOTAL	2777

Payment Details
Bank Name : Bank Of India
Bank Account Number : 91912222
Paid on : 2022-07-07

From Rich Tech

Authorized Signature
This is a computer generated invoice and doesn't require a signature

Fig 20: Salary Invoice

The screenshot shows the 'Clients' section of the dashboard. It includes a search bar and navigation links for Home and Clients. The main area displays three tables:

- Client Project Working On!** (Table):

Project ID	Client Name	Project Name	Due Date	Status
6	Test2	Test2	2022-04-05	Working
11	Test3	Test3	No Due Date	Working
12	Test4	Test4	No Due Date	Working
- Client Project Pending!** (Table):

Project ID	Client Name	Project Name	Due Date	Status
8	a1	a1	No Due Date	Pending
- Client Project Completed!** (Table):

Project ID	Client Name	Project Name	Submission Date	Status	Charges
1	CWIT Technologies	Portfolio	2022-02-19	Completed	5000
2	DCP Software Provider	MCQ Platform	2022-02-19	Completed	4500
4	Abc	abc	2022-03-27	Completed	6000
5	test1	test1-Proj	2022-07-11	Completed	7000
7	test	test	2022-05-18	Completed	1000

Fig 21: Client Dashboard

The screenshot shows the 'Add Client' form. It includes a search bar and navigation links for Home and Add Client. The main area contains the following fields:

- Company Name:
- Project Name:
- Mobile Number:
- Email ID:
- Assign Date in yyyy-m-d:
- Due Date in yyyy-m-d:
- Description:

At the bottom are 'Submit' and 'Reset' buttons.

Fig 22: Add Client Section

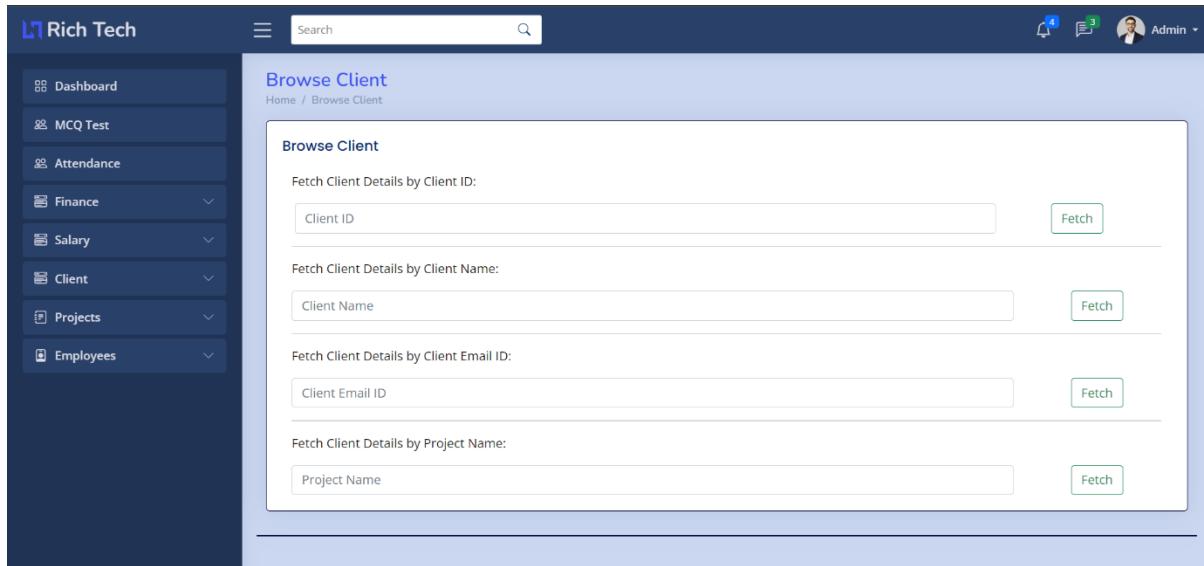


Fig 23: Browse Client

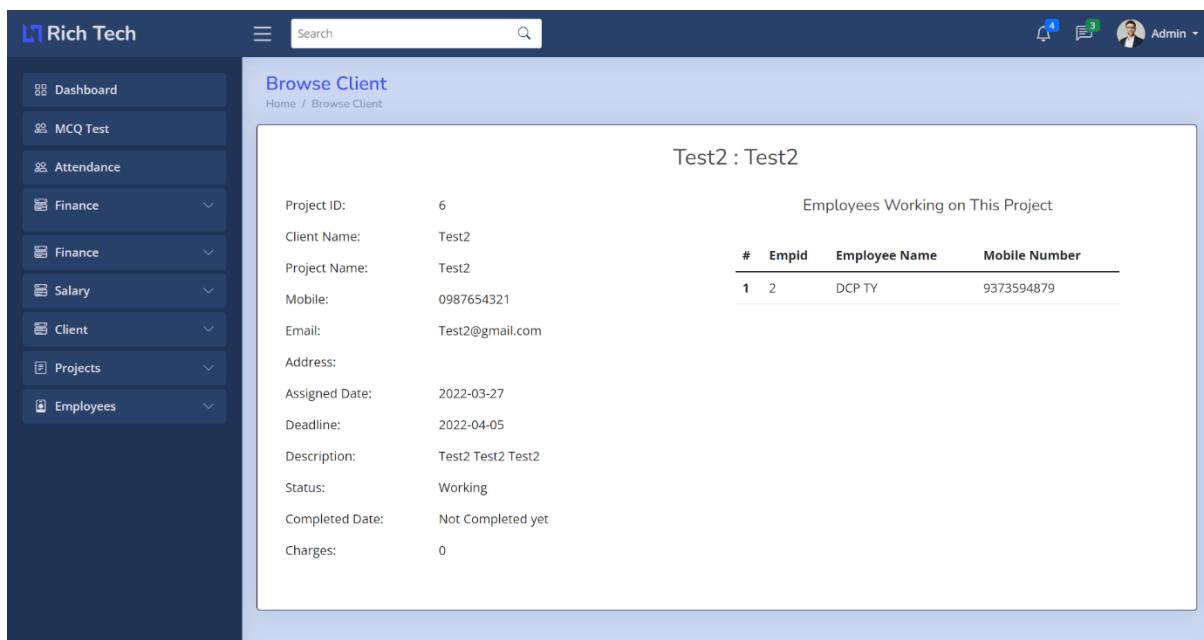


Fig 24: Browse Client by ID, Name, Email ID.

Payment
Home / Payment from Client

Client Payment

#	ID	Client Name	Project Name	Completed Date	Charges
1	4	Abc	abc	2022-03-27	6000
2	5	test1	test1-Proj	2022-07-11	7000
3	7	test	test	2022-05-18	1000

Client ID: Enter Client ID
Amount: Enter Amount
Payment Date: dd/mm/yyyy
Payment Details: Enter Payment Details

submit

Fig 25: Client Payment

Assign Project Work
Home / Assign Work

Assign Project Work

Project ID	Client Name	Project Name	Due Date	Status
6	Test2	Test2	2022-04-05	Working
8	a1	a1	No Due Date	Pending
11	Test3	Test3	No Due Date	Working
12	Test4	Test4	No Due Date	Working

Project ID: **Next**

Fig 26: Assign Client Project to Employee

The screenshot shows the 'Assign Project Work' interface. On the left is a sidebar with 'Rich Tech' logo and navigation links: Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, Employees. The main area has a search bar and a 'Project ID' input field with a 'Next' button. To the right is a table of projects:

Project ID	Client Name	Project Name	Due Date	Status
6	Test2	Test2	2022-04-05	Working
8	a1	a1	No Due Date	Pending
11	Test3	Test3	No Due Date	Working
12	Test4	Test4	No Due Date	Working

Below this is a detailed view for Project ID 6 (Test2 : Test2):

Client ID: 6
 Client Name: Test2
 Project Name: Test2
 Mobile: 0987654321
 Email: Test2@gmail.com
 Address:
 Assigned Date: 2022-03-27
 Deadline: 2022-04-05
 Description: Test2 Test2 Test2
 Status: Working

Employees Status:

#	Empid	Employee Name	Status
1	1	CWIT computer	Free
2	2	DCP TY	Working
3	194032	Umer Shaikh	Working
4	194009	Sarvesh Mankar	Working
5	194028	Gourav Suram	Working

Buttons: Assign, Add Employee, Delete Last Employee.

Fig 27: Project Status

The screenshot shows the 'Submit Project' interface. The sidebar is identical to Fig 27. The main area has a search bar and a 'Project ID' input field with a 'Next' button. To the right is a table of projects:

Project ID	Client Name	Project Name	Due Date	Status
6	Test2	Test2	2022-04-05	Working
11	Test3	Test3	No Due Date	Working
12	Test4	Test4	No Due Date	Working

Below this is a section titled 'Projects we are Working on!':

Project ID	Client Name	Project Name	Due Date	Status
6	Test2	Test2	2022-04-05	Working
11	Test3	Test3	No Due Date	Working
12	Test4	Test4	No Due Date	Working

Fig 28: Update Project Status

The screenshot shows the 'Submit Project' page of the 'Rich Tech' application. The left sidebar includes links for Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main content area has a search bar at the top. Below it, a table titled 'Projects we are Working on!' lists three projects: Test2, Test3, and Test4, each with details like Client Name, Project Name, Due Date, and Status. A 'Submit Project Work' form is open, containing fields for Project ID and a 'Next' button. To the right of the form is a section titled 'Test2 : Test2' with project details and a table showing employees working on the project. The table has columns for #, Empid, Employee Name, and Mobile Number, with one row for DCP TY.

Fig 29: Check Employee Project Section

The screenshot shows the 'Add Employee' form in the 'Employee' section of the 'Rich Tech' application. The left sidebar includes links for Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main content area has a search bar at the top. Below it, a form titled 'Add Employee Details' contains fields for Employee ID, Employee Role, Join Date (dd/mm/yyyy), Department (HR), Username, Password, Re-type Password, Base Salary (INR), Bank Name, and Bank Account number. A 'Submit' button is at the bottom right.

Fig 30: Add Employee Form

The screenshot shows the 'Employees' section of the application. On the left, there is a sidebar with various menu items: Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The 'Employees' item is currently selected. The main content area has a header 'Employee Details' and a table displaying employee information. The table has columns for #, Empid, Employee Name, Email, Mobile Number, Birth Date, Address, Bio, and Status. The data in the table is as follows:

#	Empid	Employee Name	Email	Mobile Number	Birth Date	Address	Bio	Status
1	1	CWIT computer	cwitcomputer@gmail.com	8208419540	2003-04-25	Bund Garden, Pune	Engineering	Free
2	2	DCP TY	dcty@gmail.com	9373594879	1975-11-06	Bund Garden ,Pune	Class	Working
3	194032	Umer Shaikh	umer.194032@gmail.com	9359825442	2003-10-18	Swarget, Pune	Web Developer	Working
4	194009	Sarvesh Mankar	sarvesh.194009@gmail.com	8208419540	2003-04-25	Moshi, Pune	Software Developer	Working
5	194028	Gourav Suram	gourav.194028@gmail.com	9175315683	2003-03-04	Pimpri, Pune	Security Engineer	Working

Fig 31: View Employee

The screenshot shows the 'Employees' section with a search interface. On the left, the sidebar is visible with the 'Employees' item selected. The main content area has a header 'Fetch Employee Details by Employee ID:' followed by an input field and a 'Fetch' button. Below it is another input field and a 'Fetch' button for searching by Employee Name. Finally, there is a third input field and a 'Fetch' button for searching by Employee Email ID.

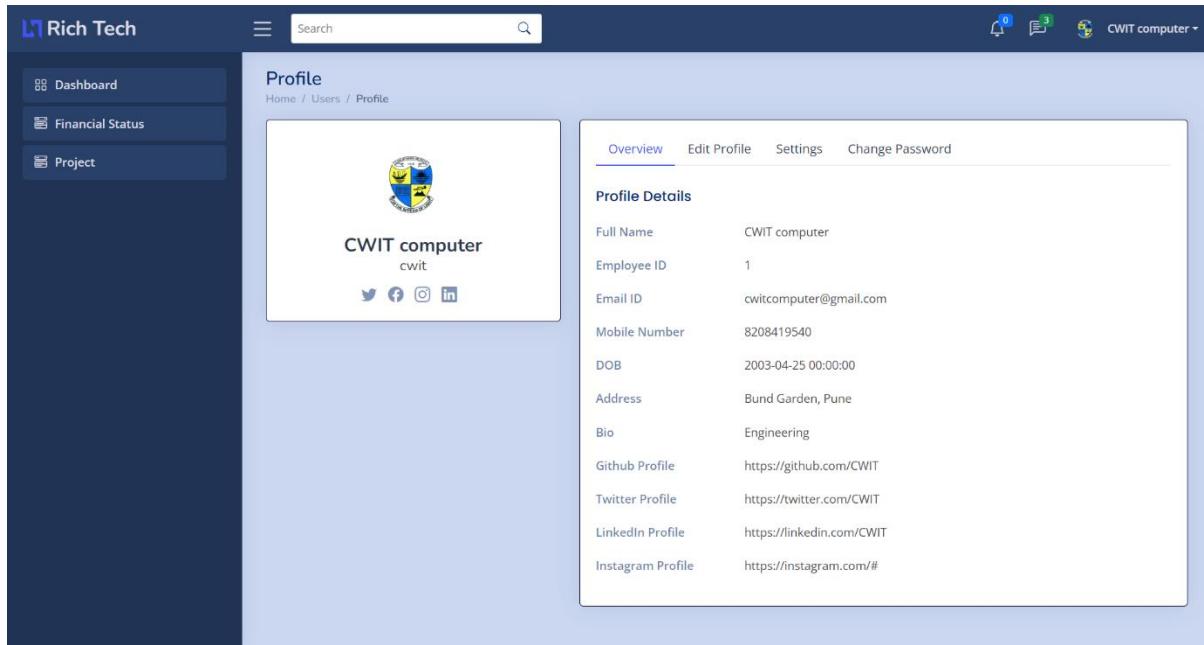
Fig 32: Search Employee By ID, Name, Email ID

The screenshot shows the 'Employees' page within the 'Company System - Workflow Mapping' application. The left sidebar menu includes options like Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main content area displays a detailed employee profile for 'CWIT computer' (Employee Id: 1). The profile includes the CWIT logo, email (cwitcomputer@gmail.com), mobile number (8208419540), DOB (2003-04-25), address (Bund Garden, Pune), bio (Engineering), and status (Free). Below the profile, there are two tables: 'Projects Completed!' and 'Projects Working On!'. The 'Projects Completed!' table lists three projects: CWIT Technologies (Portfolio, 2022-02-19, 5000), DCP Software Provider (MCQ Platform, 2022-02-19, 4500), and test1 (test1-Proj, 2022-07-11, 7000). The 'Projects Working On!' table is currently empty.

Fig 33: Employee Status

The screenshot shows the 'Dashboard' page within the 'Company System - Workflow Mapping' application. The left sidebar menu is identical to Fig 33. The main content area features a dashboard with three cards: 'Sales | Today' (145, 12% increase), 'Revenue | This Month' (₹3,264, 8% increase), and 'Customer' (represented by a user icon). Below these is a 'Reports / Today' section with a line graph showing data over time. To the right, a notification bar displays four recent activities: 'New Employee of Username q with Pentester Role has been Added!' (13 Jul, 2022), 'New Employee of Username ig with emp Role has been Added!' (10 Jul, 2022), 'New Employee of Username yeah with emp Role has been Added!' (09 Jul, 2022), and 'New Employee of Username emp1 with emp Role has been Added!' (10 Jul, 2022). A 'Show all notifications' button is at the bottom of the notification list. At the very bottom, a 'Budget Report | This Month' card is visible.

Fig 34: Notification Bar



The screenshot shows the 'Profile' page of a company system. The top navigation bar includes a search bar and notifications for 0 messages, 3 emails, and 1 global update. The left sidebar has links for 'Dashboard', 'Financial Status', and 'Project'. The main content area shows a profile card for 'CWIT computer' (Employee ID 1) with a logo, name, and social media links. The 'Overview' tab is selected in the header, showing detailed profile information:

Profile Details	
Full Name	CWIT computer
Employee ID	1
Email ID	cwitcomputer@gmail.com
Mobile Number	8208419540
DOB	2003-04-25 00:00:00
Address	Bund Garden, Pune
Bio	Engineering
Github Profile	https://github.com/CWIT
Twitter Profile	https://twitter.com/CWIT
LinkedIn Profile	https://linkedin.com/CWIT
Instagram Profile	https://instagram.com/#

Fig 35: Employee Dashboard

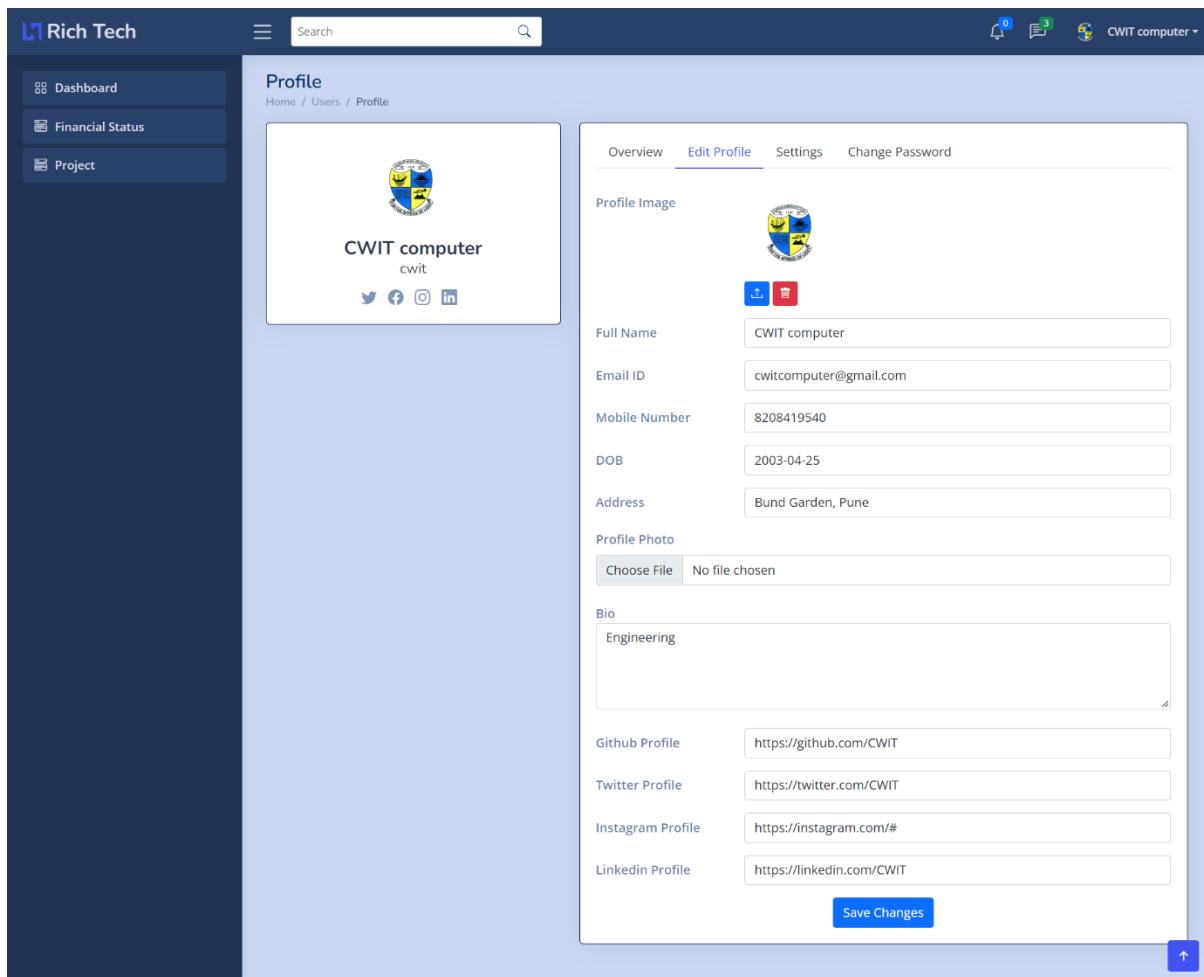


Fig 36: Edit Employee Data

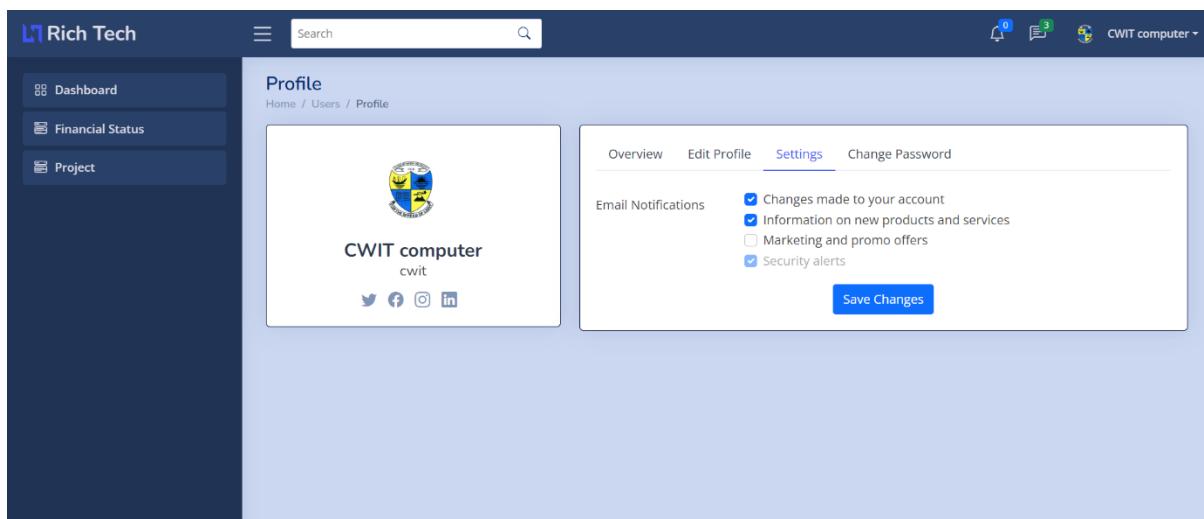


Fig 37: Settings Page

The screenshot shows the 'Change Password' section of the 'Profile' page. The top navigation bar includes a search bar and notifications. The left sidebar has 'Dashboard', 'Financial Status', and 'Project' options. The main content area shows a profile picture for 'CWIT computer' with the handle 'cvit'. Below it are social media links for Twitter, Facebook, Instagram, and LinkedIn. The 'Change Password' tab is selected in the navigation bar. The form fields include 'Current Password', 'New Password', and 'Re-enter New Password', each with a placeholder and a red asterisk indicating required input. A blue 'Change Password' button is at the bottom.

Fig 38: Change Password Form

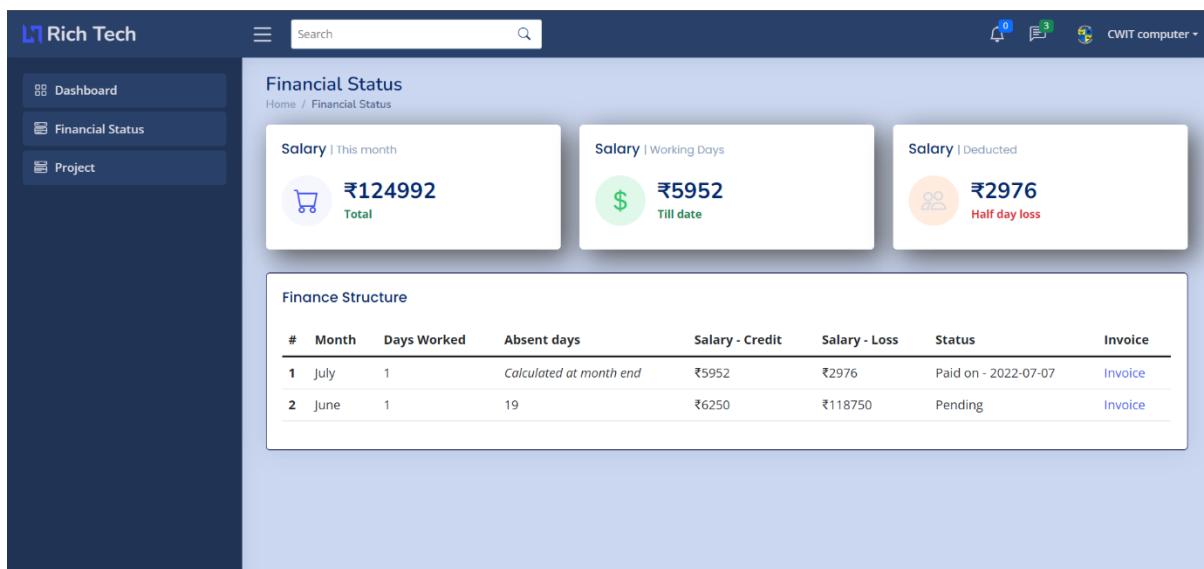


Fig 39: Finance Status – Employee

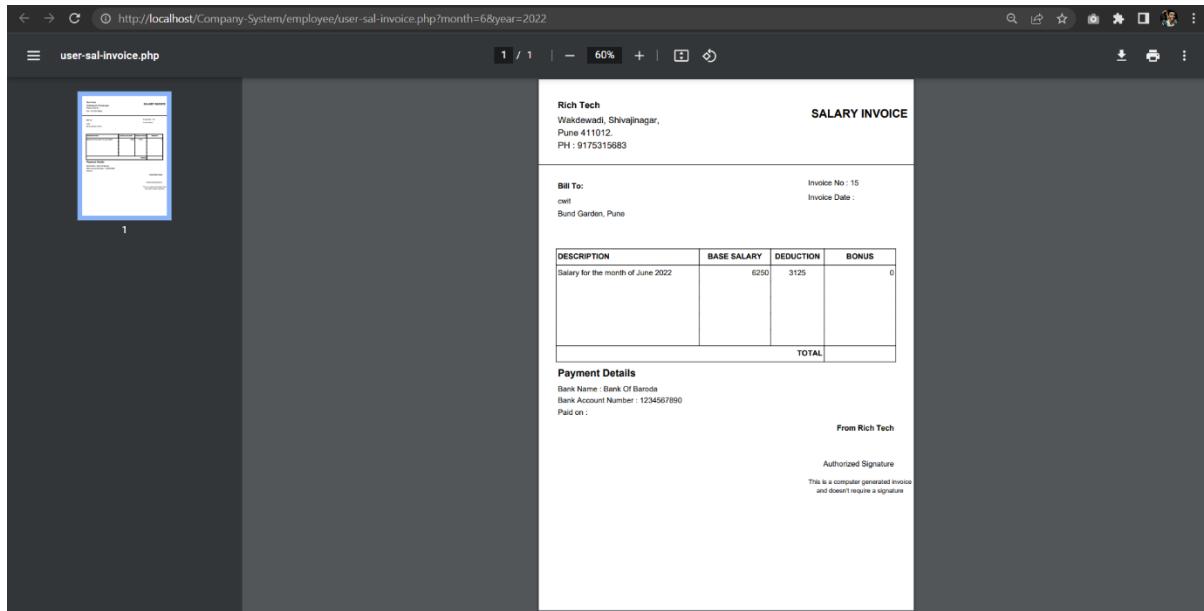


Fig 40: Salary Invoice

#	Company Name	Project Name	Description	Due Date
1	CWIT Technologies	Portfolio	Redesign cwitpune.com	2022-02-25
2	DCP Software Provider	MCQ Platform	Examination Platform	2022-03-01
3	test1	test1-Proj	Test1 main project	Not Assigned

Fig 41: Project Dashboard

11. Salient Features

1. Effective Management:

A high-quality software which manages each aspect of the company in a single workspace. It helps the High-Level Management to assign and keep track of the activities which are performed by the employees. Additionally, the application provides the feature to manage all kinds of reports like Invoice, Receipts, Project Details, etc. into a single workspace. This makes them easy to manage and store.

2. Work evaluation:

The application provides the feature to assign the project task to multiple employees and keep track of their work. Their work can be evaluated and train the employees in order to improvise the project quality.

3. Leadership:

One of the keys to a successful working and development Organization, and possibly the most important, is leadership buy-in from the top down.

Having leadership support helps to drive the importance of a program, assist with accountability and establish appropriate expectations. Leaders are provided with a better view towards the whole working order and helps to provide a better communication medium between different departments.

4. Accessibility:

Allows you to access the parts of the system that you need regardless of time or place and, at the same time, prevents those with no access rights from entering; it simply matches access to responsibilities and ensures that the information stays secure.

5. Avoiding errors:

With business management software, you only introduce the information once and the system will take care of the rest; this automation leaves no room for any error whatsoever.

6. Collaboration:

Whether on-premise or remote, this application brings the team together with active collaboration features. We can also connect with different departments quickly. The Project reports are stored effectively which provides a vital learning resource for freshers.

7. Security:

The Company System works in a secured environment. The security is maintained by encrypting the password, specifying roles in hierarchical manner.

12. Future Prospect

Organizations have used management systems for a long time to help them create value and reach their objectives by actively managing risks and continually improving their performance. Such systems help companies manage a range of issues to do with quality, occupational health and safety, and the environment, as well as social and ethical concerns. But for management systems to continue to be a driving force for change, they must adapt.

In the Digital Transformation use of big data will become a key basis of competition and growth for individual firms. Organizations will leverage data-driven strategies to innovate, compete and capture value from deep, real-time information. However, there is also the issue of rising security and privacy threats. As analytics and social media reach every aspect of an organization, safeguarding data will continue to be a major concern for individuals and organizations.

The key feature of Company System is to manage and process the data in an effective manner which results the outcome to be the best.

The Software is built with the use of Open-Source languages and utilities such as PHP, JS, jQuery, which have the potential to adapt themselves with the changing technologies. Flexibility, Scalability, Robustness are some of the key features of Company Management System.

13. References

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