

Company Systems Workflow Mapping

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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. Thus, 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 Systems 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

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 features required by a firm to perform the ongoing tasks and create a convalescent domain. The main aim of the Company System is to keep healthy workplace.

8. Hardware and Software Requirements

Hardware Requirements

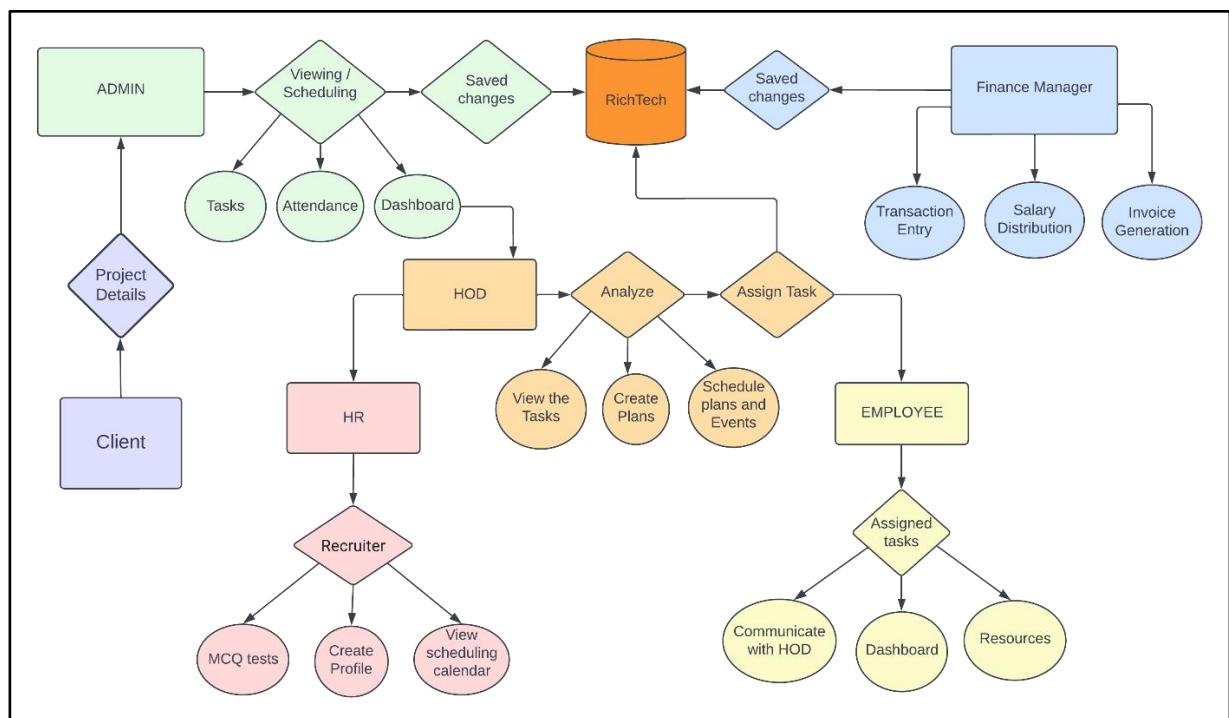
- Processor : Intel i5 5th Generation
- Cores : 4
- Processor Speed : 3.0 GHz
- RAM : 4 Gigabytes
- SSD : 1024 Megabytes
- Speed : 1.10 GHz
- Clock Speed : 2.4 GHz
- Graphics : Intel Iris XE

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.

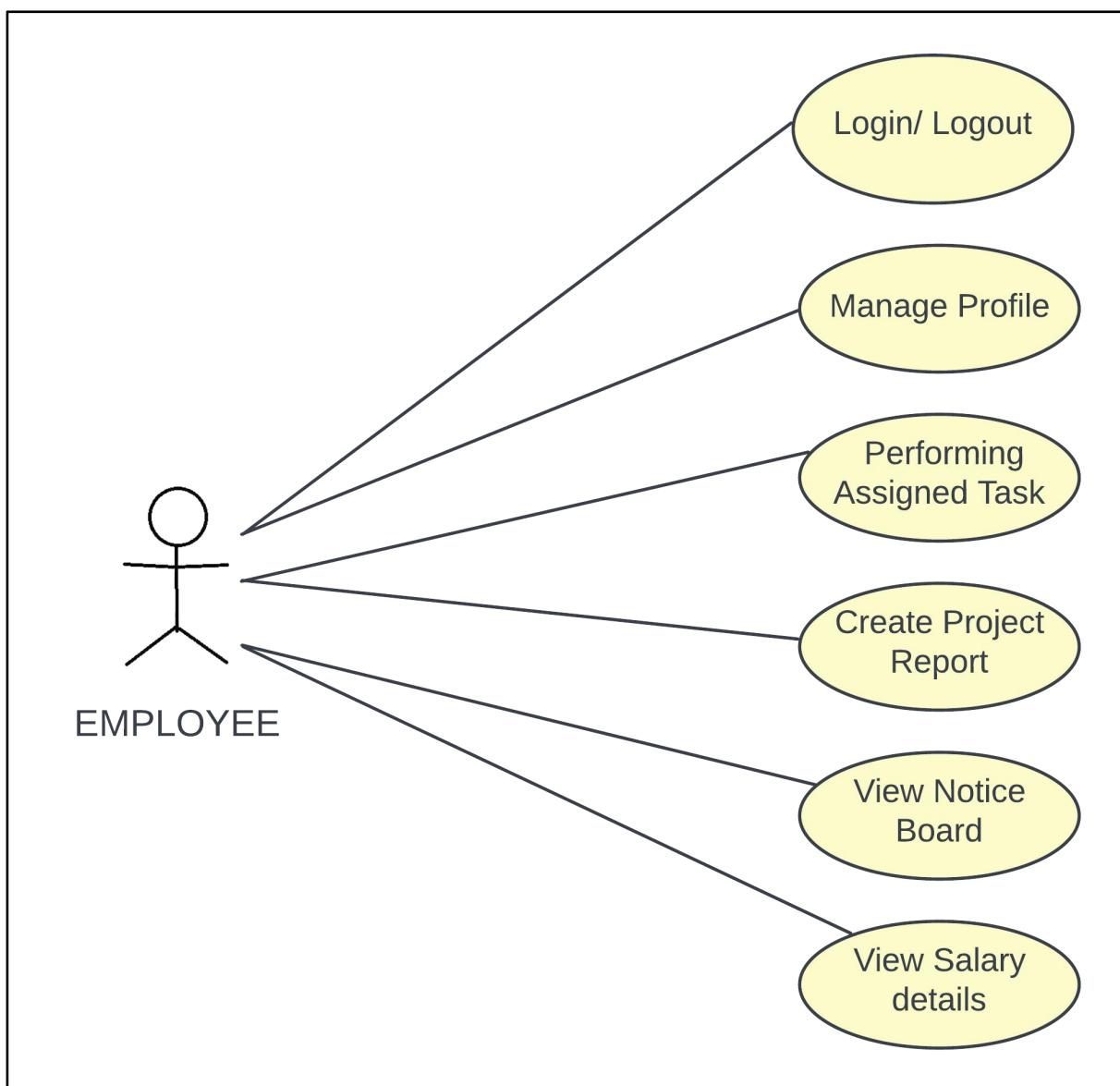
9. System Design

9.1 ER Diagram

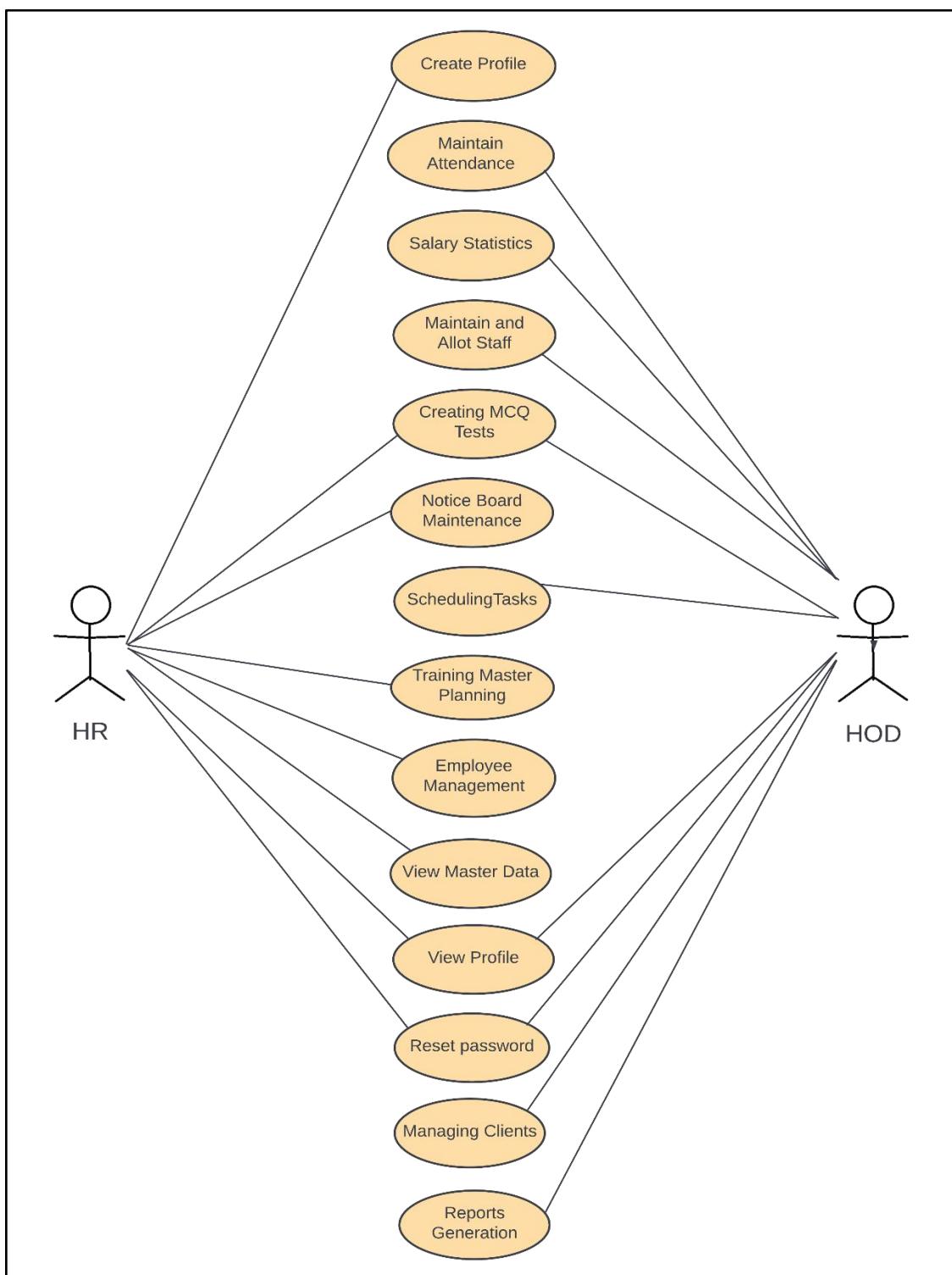


9.2 Use Case Diagram

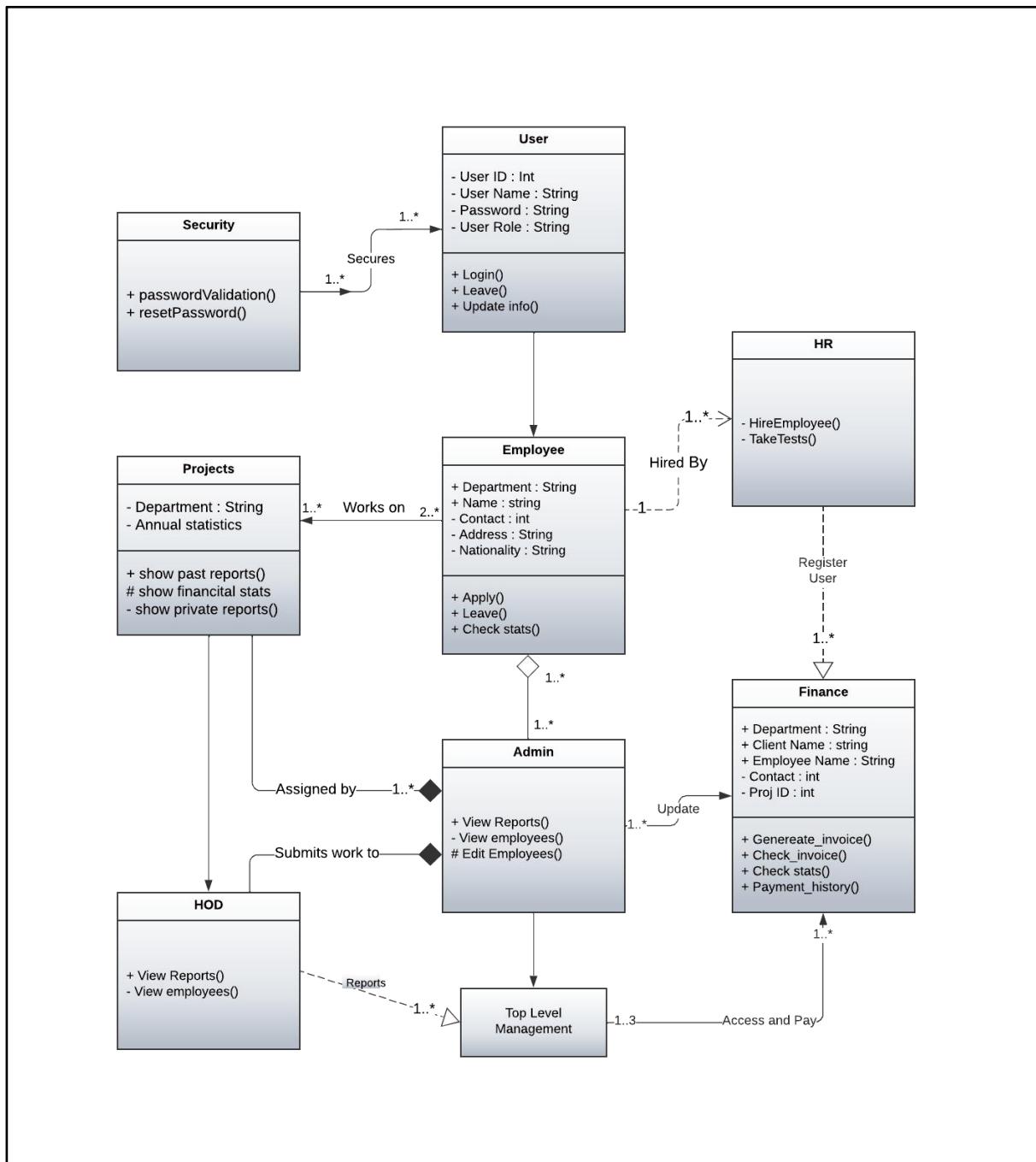
9.2.1 Employee



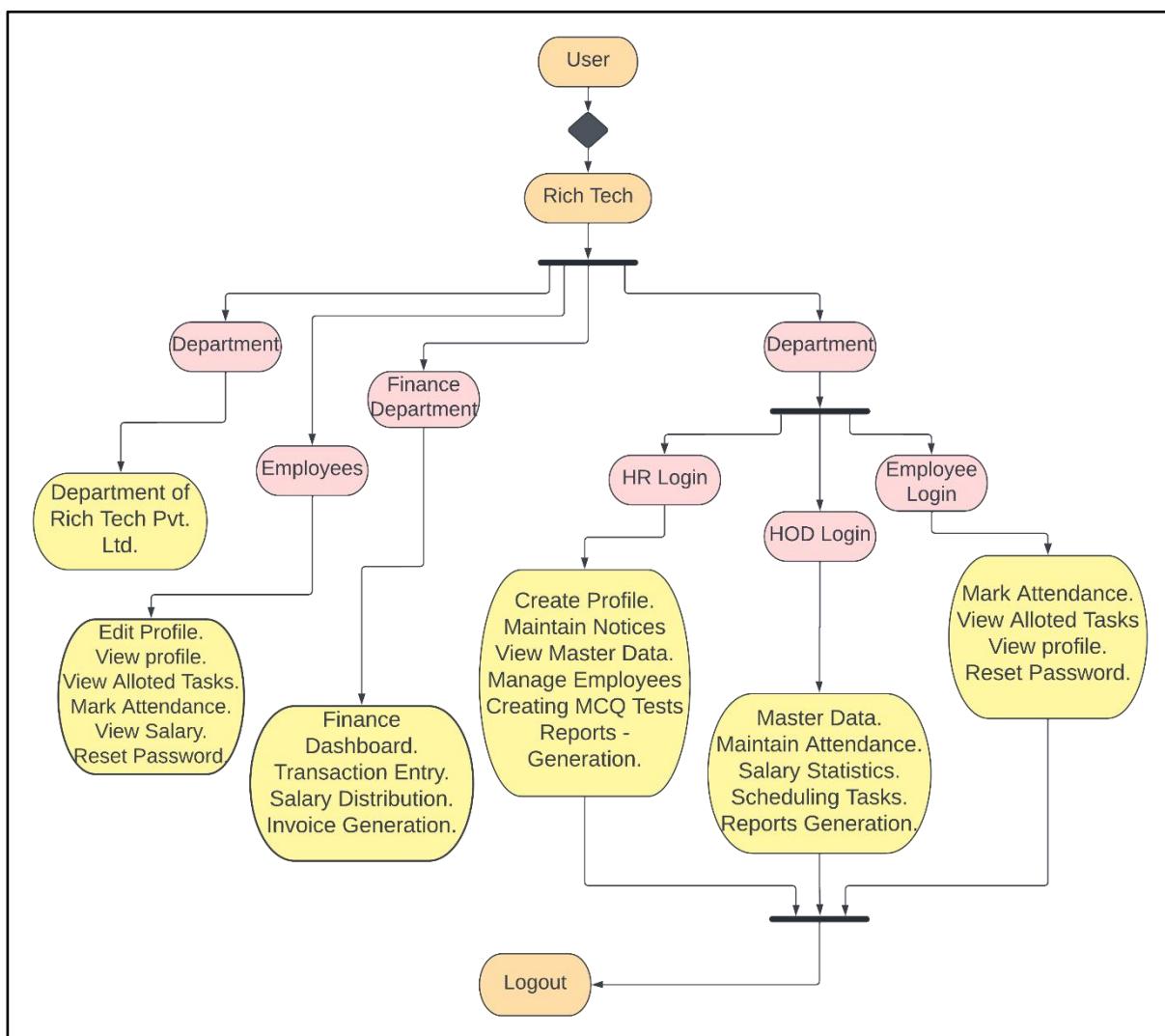
9.2.1 H.O.D. and H.R.



9.3 Class Diagram

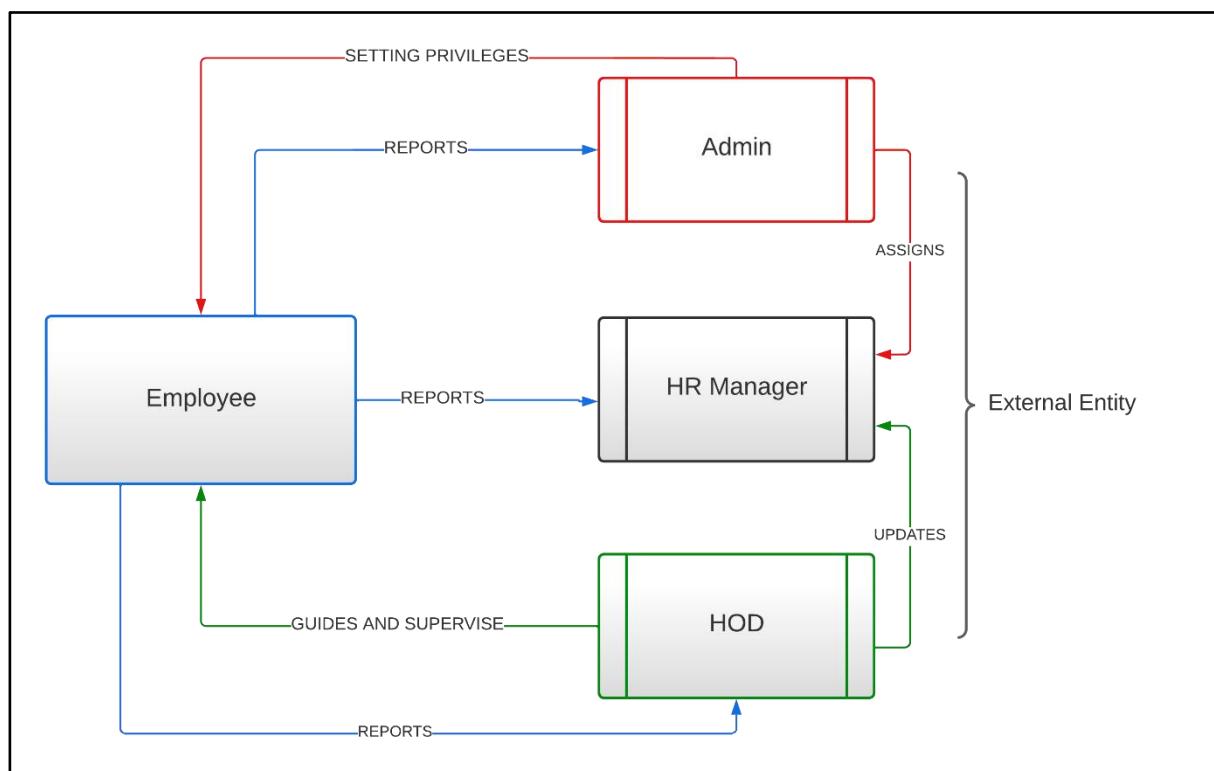


9.4 Activity Diagram

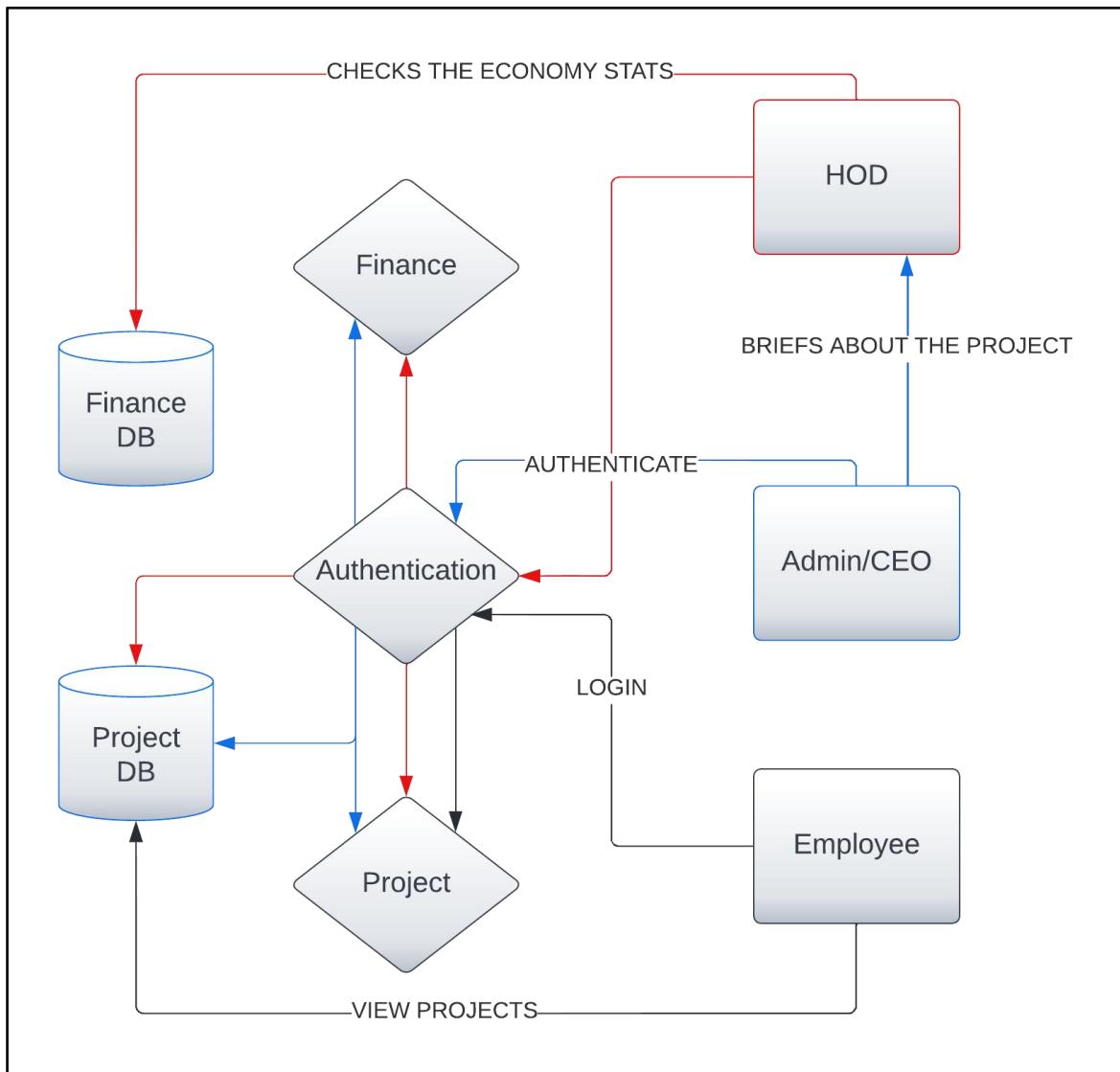


9.5 Data Flow Diagram

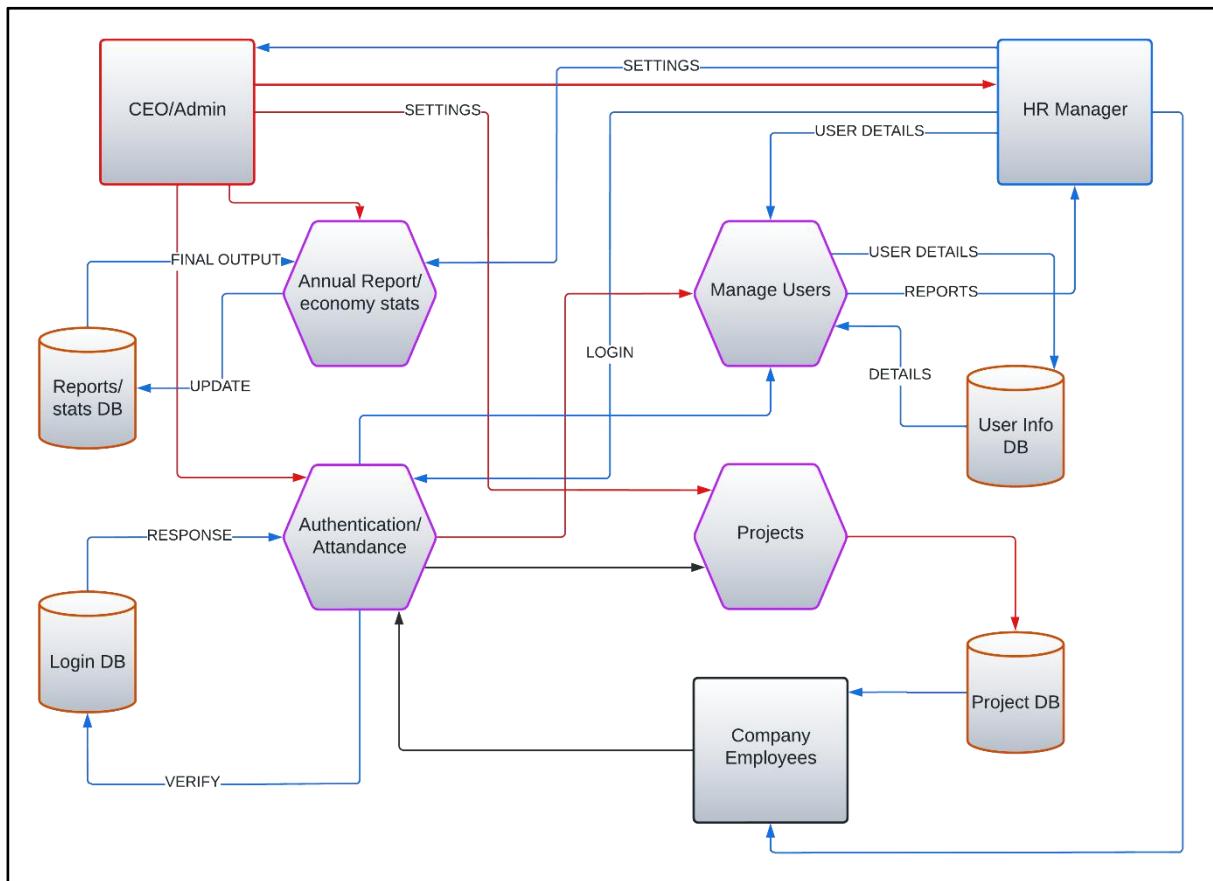
9.5.1 DFD Level 0



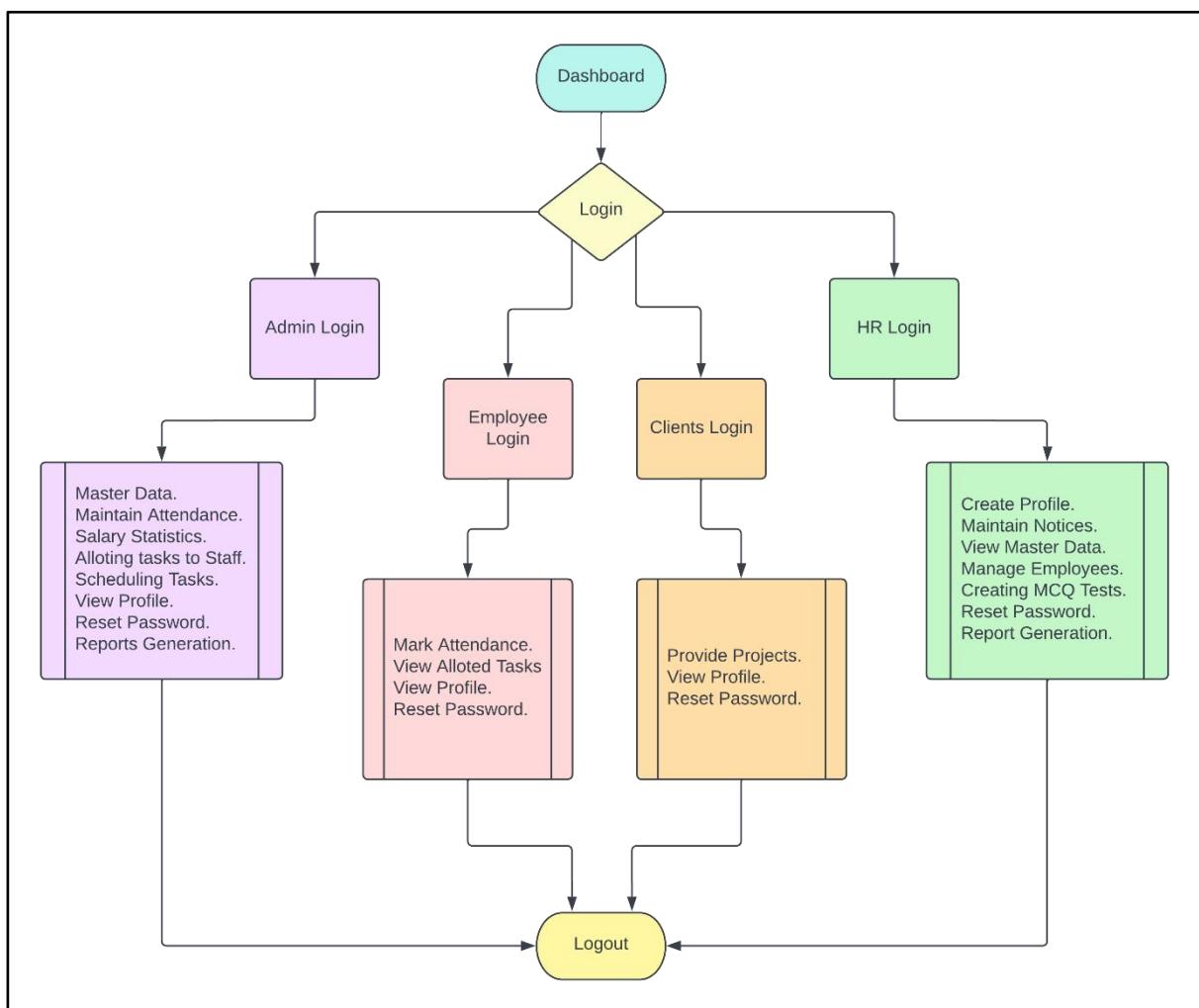
9.5.2 DFD Level 1



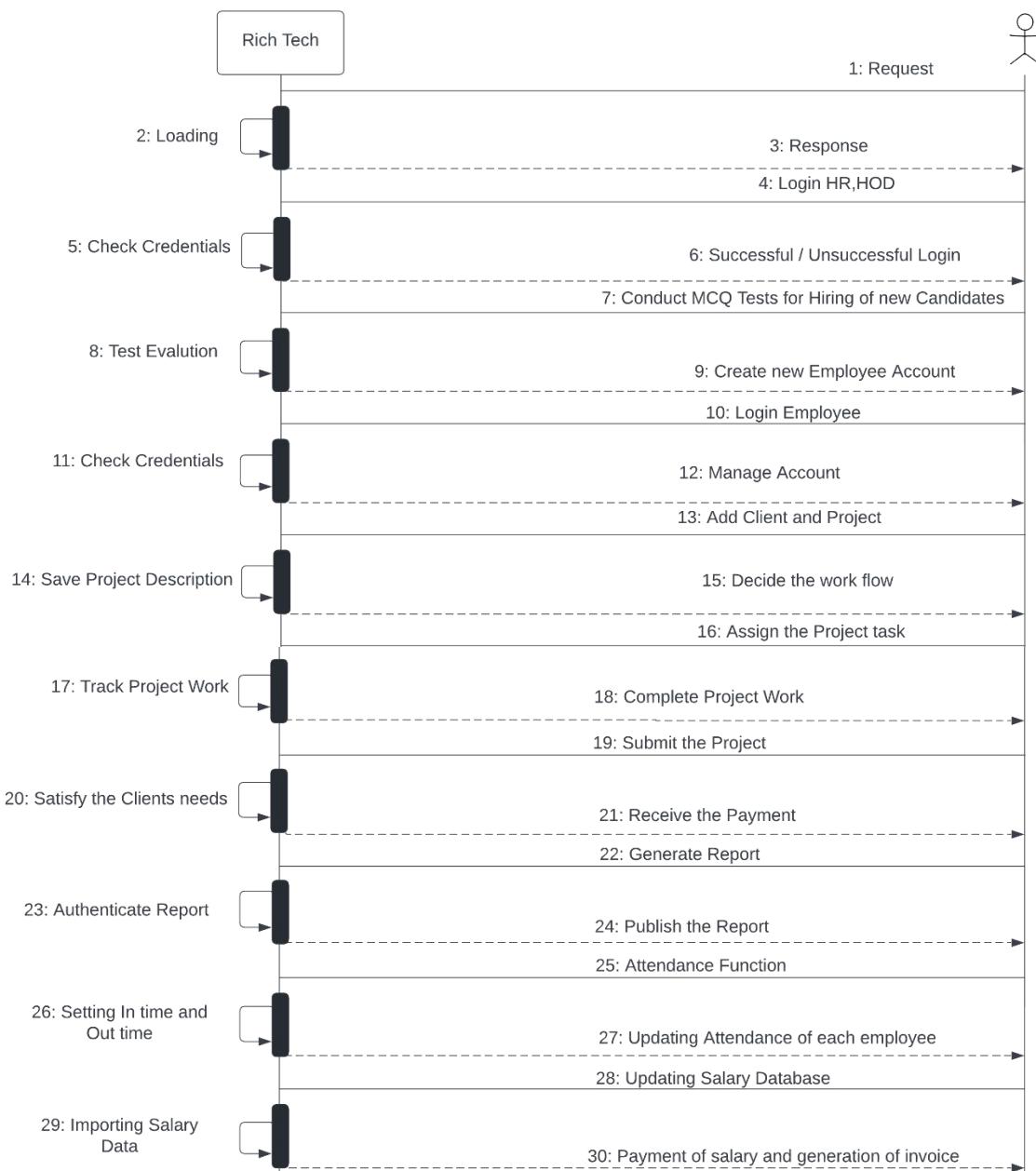
9.5.3 DFD Level 2



9.6 Flow Diagram



9.7 Sequence Diagram



10. Application Preview

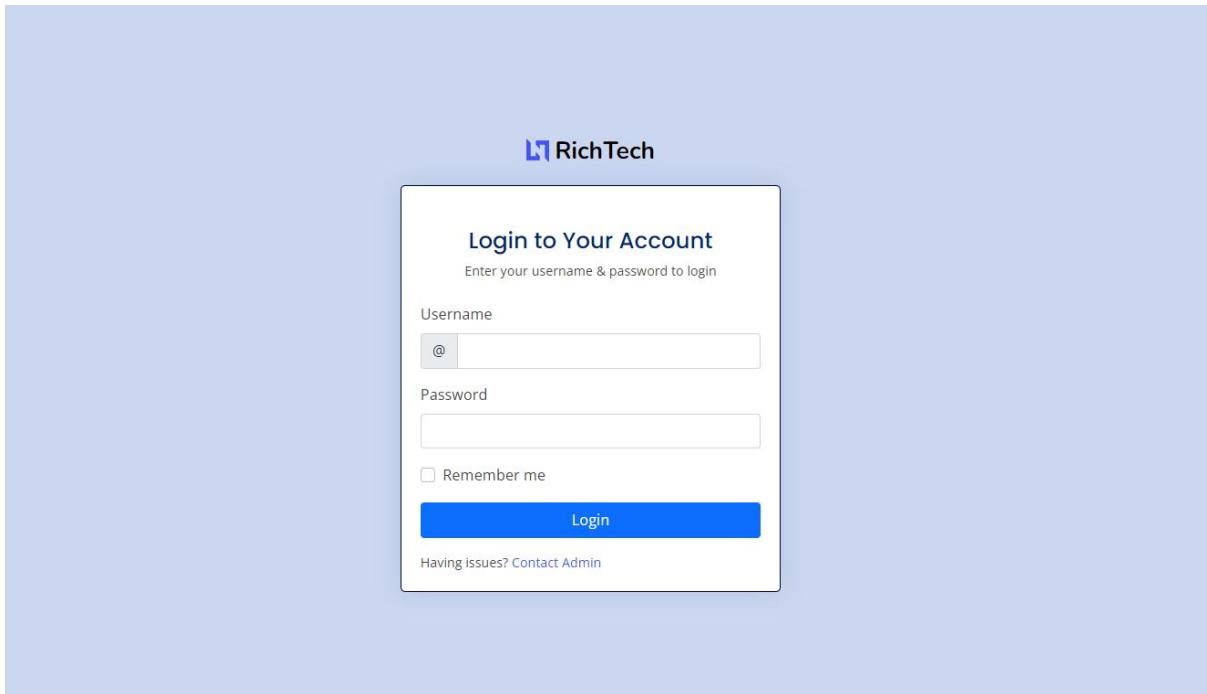


Fig 1: Login Screen

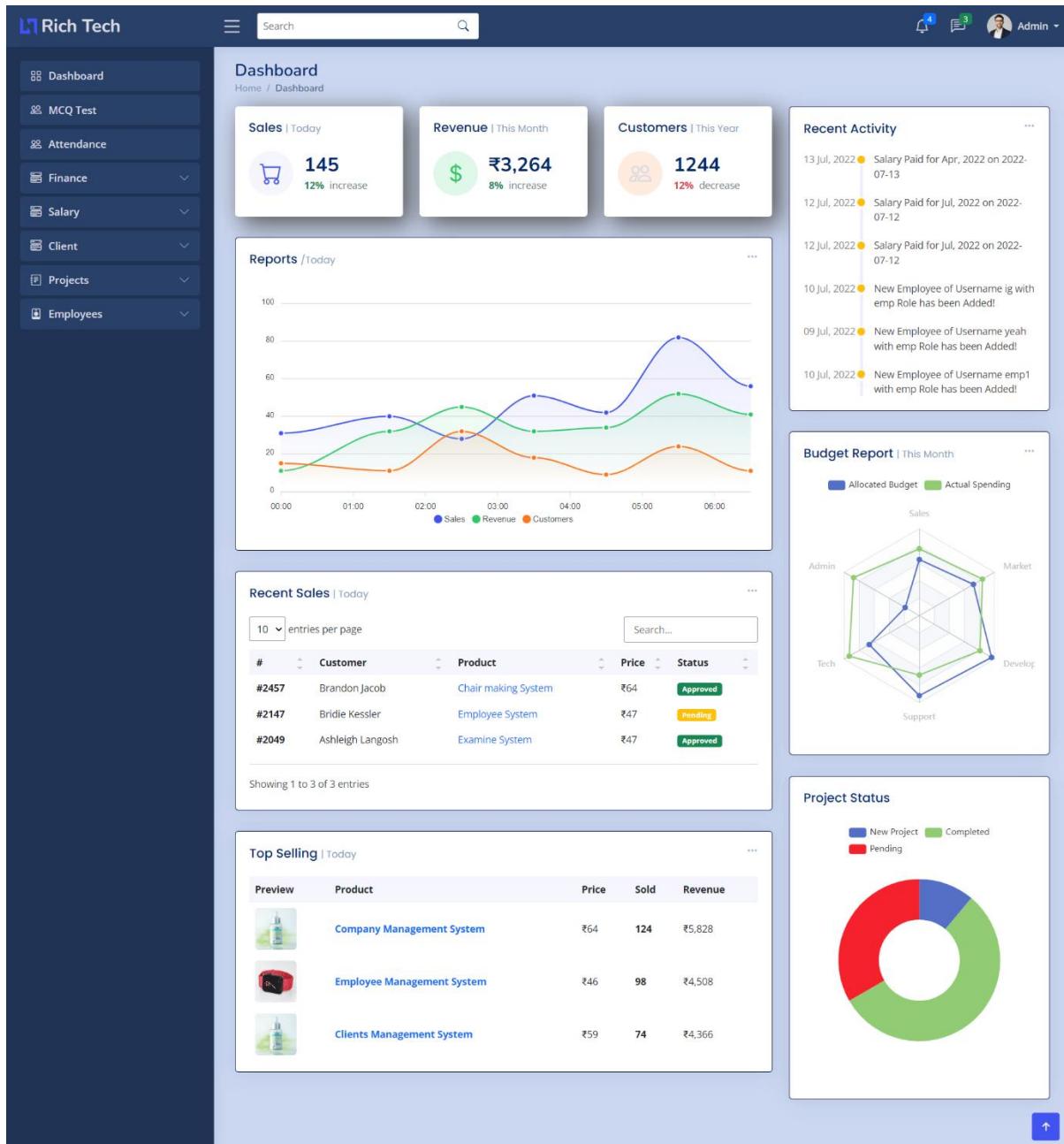


Fig 2: Admin Dashboard

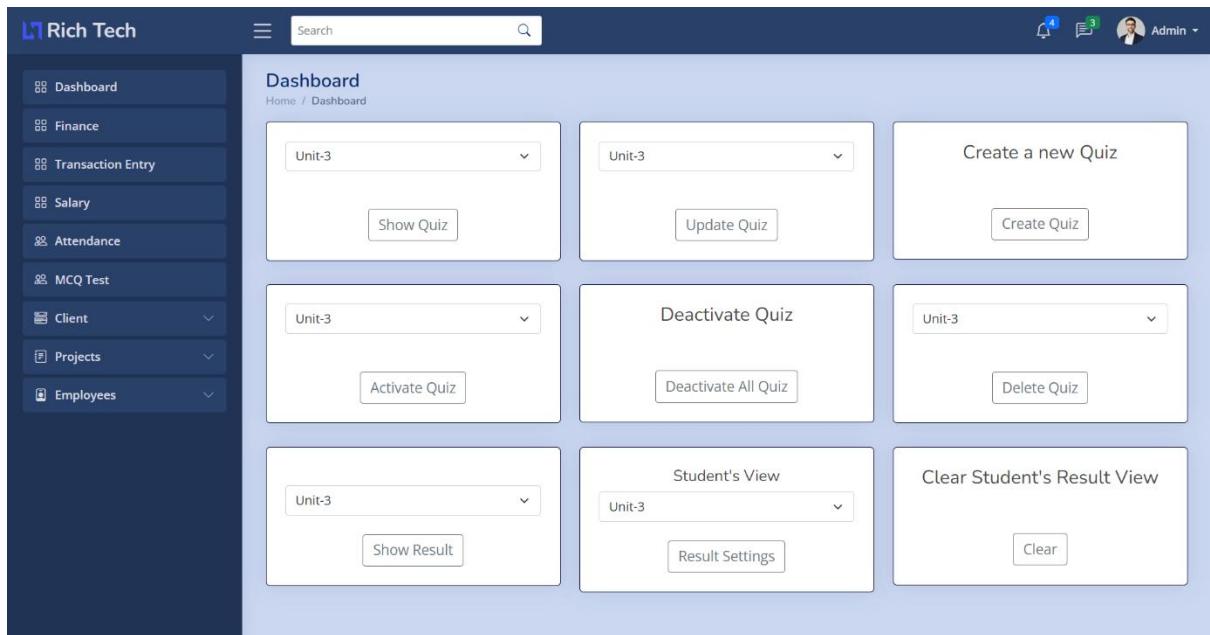


Fig 3: MCQ Dashboard

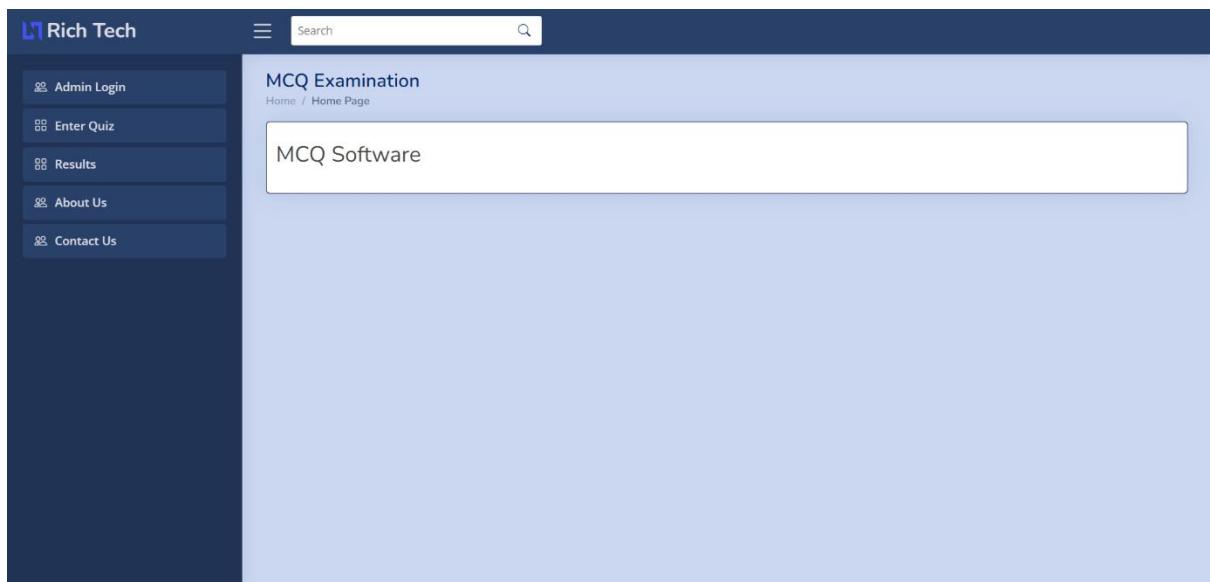


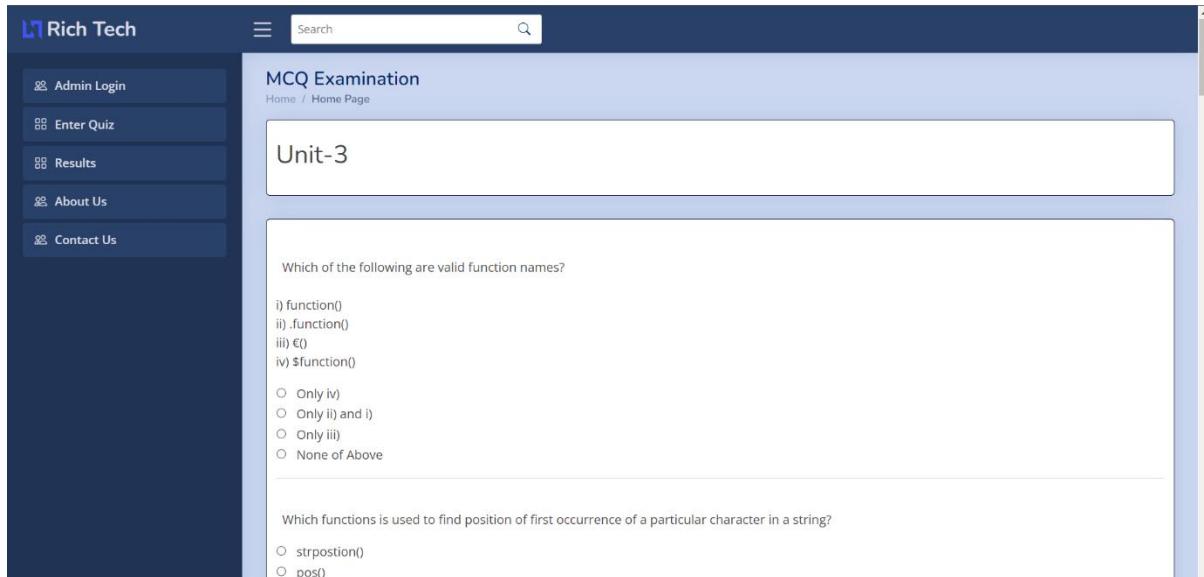
Fig 4: MCQ Dashboard – Candidate

The screenshot shows a web application interface for an MCQ examination. On the left is a dark blue sidebar with the logo 'Rich Tech' and five menu items: Admin Login, Enter Quiz, Results, About Us, and Contact Us. The main content area has a light blue header with the title 'MCQ Examination' and a breadcrumb 'Home / Home Page'. Below this is a white form titled 'Enter Your Details!' containing four input fields: 'Email Id', 'Full Name', 'Enrollment Number', and 'Mobile Number'. A green 'Next' button is positioned at the bottom right of the form.

Fig 5: MCQ – Fill up form

The screenshot shows the same web application interface. The sidebar and header are identical to Fig 5. The main content area now displays a section titled 'Instructions:-' containing three numbered instructions: '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-based MCQ examination system. The header features a logo for 'Rich Tech' and a search bar. The main content area is titled 'MCQ Examination' and displays the heading 'Unit-3'. Below this, there are two questions:

Which of the following are valid function names?

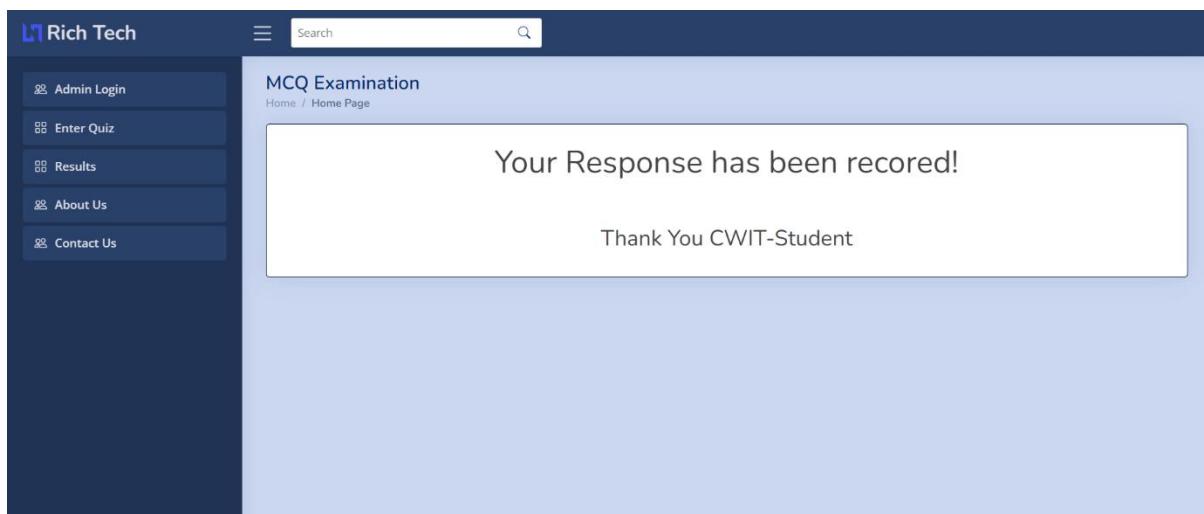
i) function()
ii) .function()
iii) €()
iv) \$function()

Only iv)
 Only ii) and i)
 Only iii)
 None of Above

Which functions is used to find position of first occurrence of a particular character in a string?

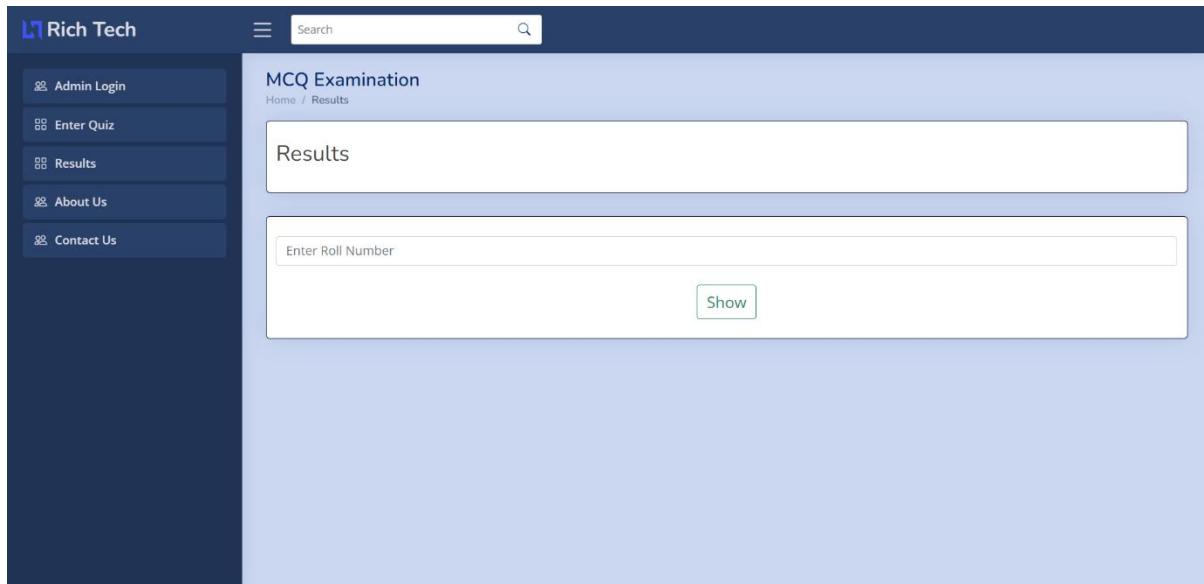
strposition()
 pos()

Fig 7: MCQ Examination Form



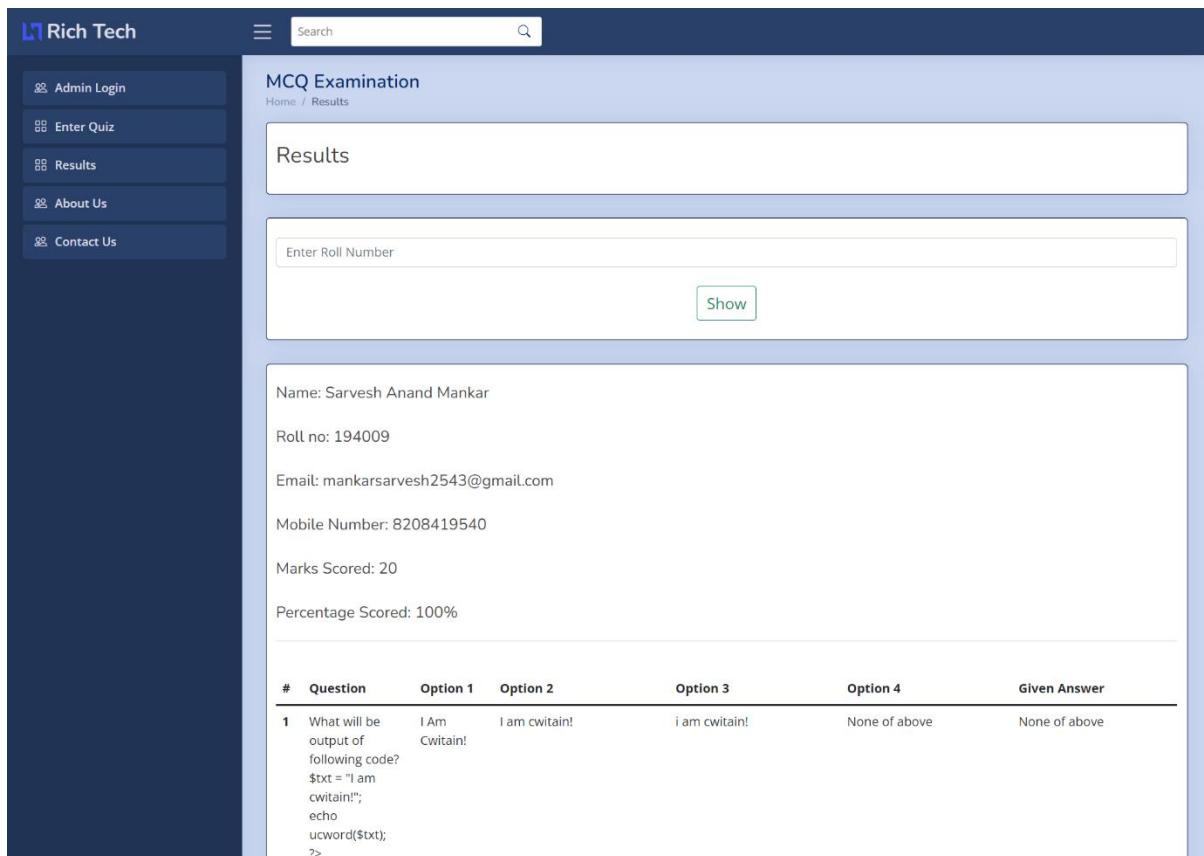
The screenshot shows a confirmation message after a response has been submitted. The header features a logo for 'Rich Tech' and a search bar. The main content area is titled 'MCQ Examination' and displays the message 'Your Response has been recorded!' followed by 'Thank You CWIT-Student'.

Fig 8: MCQ Submission



The screenshot shows a web application interface for a MCQ Examination. The header includes the logo 'Rich Tech' and a search bar. The main content area is titled 'MCQ Examination' and 'Results'. It features a large input field labeled 'Enter Roll Number' and a green 'Show' button. On the left, there is a vertical sidebar with navigation links: Admin Login, Enter Quiz, Results, About Us, and Contact Us.

Fig 9: MCQ View Result Form



This screenshot displays the results page for the MCQ examination. The top section is identical to Fig 9. Below it, detailed user information is shown: Name: Sarvesh Anand Mankar, Roll no: 194009, Email: mankarsarvesh2543@gmail.com, Mobile Number: 8208419540, Marks Scored: 20, and Percentage Scored: 100%. At the bottom, a table lists the first question along with its options and 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 cwitain!"; echo ucword(\$txt); ?>	I Am Cwitain!	I am cwitain!	i am cwitain!	None of above	None of above

Fig 10: MCQ Results Page

The screenshot shows the Rich Tech company system's dashboard. On the left is a sidebar with various menu items: Dashboard, Finance, Transaction Entry, Salary, Attendance, MCQ Test, Client, Projects, and Employees. The main content area has a search bar at the top. Below it, a navigation bar includes 'Complete Result', 'Student Result', 'Question Stats', 'Graphical View', 'Not Submitted', and 'Malicious Activity'. A large section titled 'Results of Unit-3' displays a table of student results:

#	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

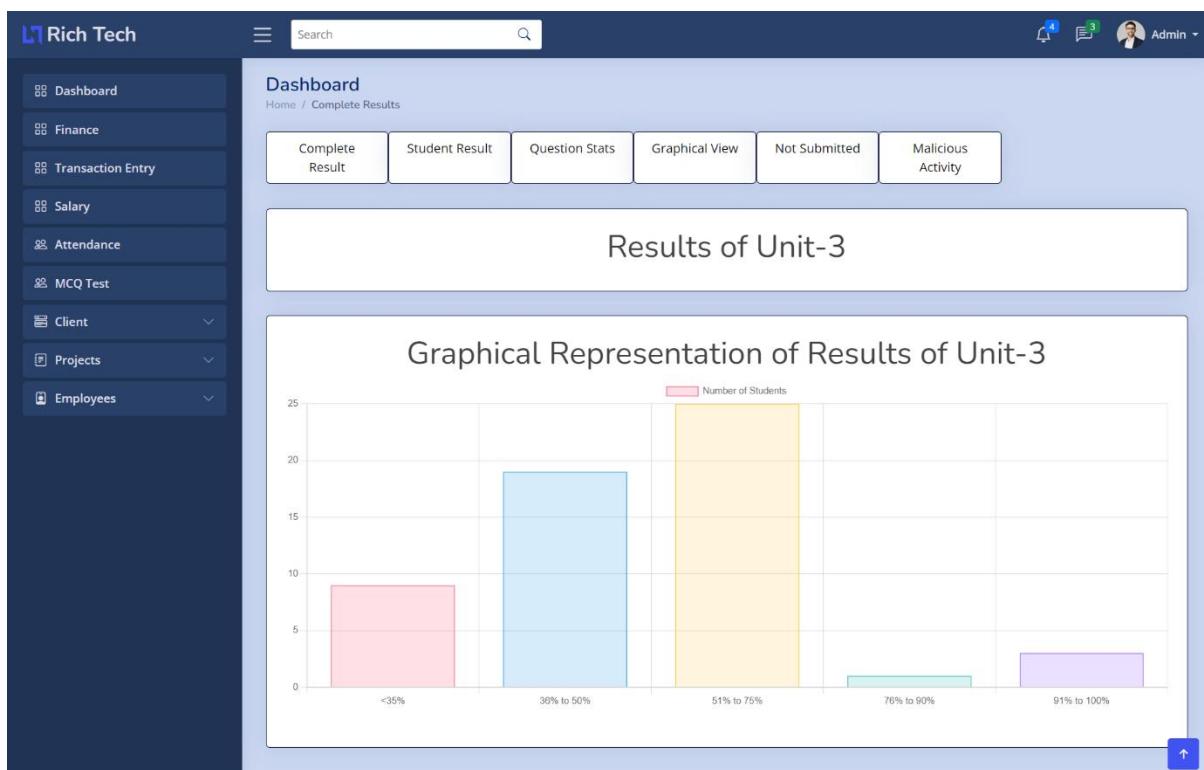


Fig 12: MCQ Graphical Representation of User Stats

The screenshot shows a dashboard titled "Malicious Activities in Unit-3 quiz". On the left is a sidebar menu with items like Dashboard, Finance, Transaction Entry, Salary, Attendance, MCQ Test, Client, Projects, and Employees. The main content area displays a table of activity logs:

#	Name	Roll Number	Email	Activity
1	Mansi	194066	mansi.194066@gmail.com	Changed Tab 1 times!
2	Mohammad	194065	shaikhhuzaif148@gmail.com	Changed Tab 7 times!
3	Chaitanya	194060	chaitanyaunavane@gmail.com	Changed Tab 1 times!
4	Palak	194006	pardeshipalak463@gmail.com	Changed Tab 2 times!
5	jayesh	194018	jayesh194018@gmail.com	Changed Tab 3 times!
6	Pokale	194008	preeti.194008@gmail.com	Changed Tab 1 times!
7	Mansi	194001	mansilokhande04@gmail.com	Changed Tab 5 times!
8	Abhishek Devram Borkar	204094	abhiborkar222002@gmail.com	Changed Tab 15 times!
9	Janhavi	194021	janvithikekar1234@gmail.com	Changed Tab 23 times!

Fig 13: Malicious Activity Tracker

The screenshot shows an "Attendance" page. On the left is a sidebar menu with items like Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main content area has two sections: "Attendance Form" and "Search by Employee Details". Below these is a table titled "Current Logs" showing attendance records:

#	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

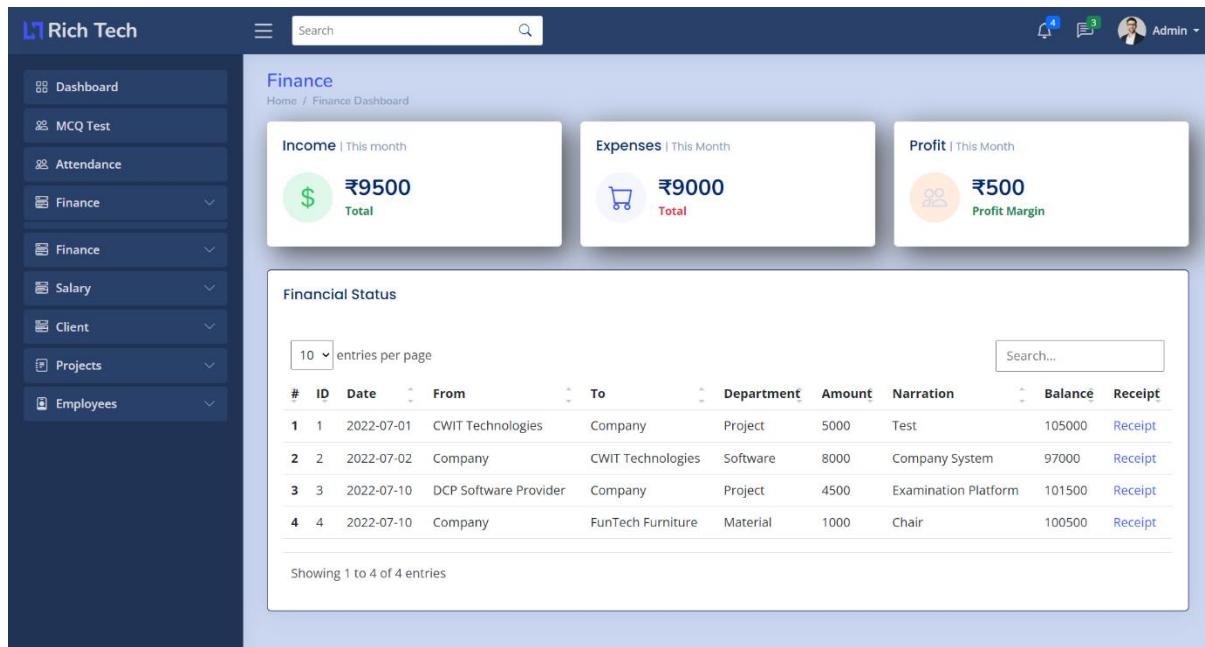


Fig 15: Finance Dashboard

The screenshot shows the 'Transaction Entry' form under the 'Finance' section:

- Payment Date:** dd/mm/yyyy (input field)
- From:** From (Debitor) (input field)
- To:** To (Creditor) (input field)
- Amount:** Enter Amount (input field)
- Department:** HR (input field)
- Payment Details:** Enter Payment Details (input field)

Submit button at the bottom right.

Fig 16: Finance- Transaction Entry

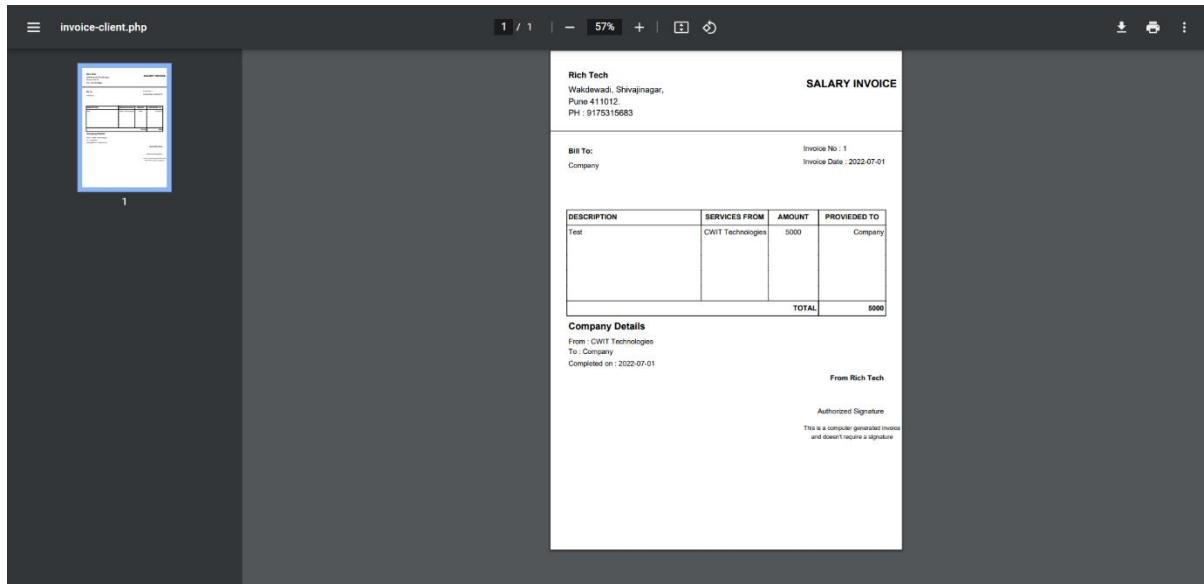


Fig 17: Finance Receipt

#	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

Fig 18: Salary Dashboard

The screenshot shows the 'Salary Payments and Invoices' section of the Rich Tech application. On the left sidebar, under the 'Salary' category, the 'Salary' option is selected. The main content area displays three sections: 'Employee Payment - This month', 'Employee Payment - Pending', and 'Current Logs'.

- Employee Payment - This month:** A form to enter Employee ID (with placeholder 'Enter Employee ID') and Bonus (with placeholder 'If any'). A 'Pay' button is present. Below the form is a table showing one record:

Emp ID	Name	Salary	Bonus	Total Salary	Status
1	CWIT	5952	0	5952	Paid on 2022-07-07
- Employee Payment - Pending:** A form to select Month (set to '07 - July') and Bonus (placeholder 'If any'). A 'Pay All' button is present. Below the form is a table showing pending payments:

Total Employee	Month	Pending Payments	Completed Payments	Bonus	Total Salary
- Current Logs:** A table listing salary payments:

#	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 document includes the company address: Rich Tech, Wakdewadi, Shivajinagar, Pune 411012, PH : 9175315683. It shows an invoice for DCP, Bill To: DCP, Billed Garden, Pune. The invoice number is 13, and the date is 2022-07-07. The total amount is 2777. The payment details mention Bank Name: Bank Of India, Bank Account Number: 91912222, and Paid on: 2022-07-07. The document is signed by 'From Rich Tech' and includes a note: 'Authorized Signature. This is a computer generated invoice and doesn't require a signature.'

Fig 20: Salary Receipt

The screenshot shows the 'Clients' section of the Rich Tech application. The left sidebar includes 'Dashboard', 'MCQ Test', 'Attendance', 'Finance', 'Salary', 'Client', 'Projects', and 'Employees'. The main area has a search bar and notifications for 4 messages and 3 pending tasks. It 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 Details' section of the Rich Tech application. The left sidebar includes 'Dashboard', 'MCQ Test', 'Attendance', 'Finance', 'Salary', 'Client', 'Projects', and 'Employees'. The main area has a search bar and notifications for 4 messages and 3 pending tasks. It displays a form with 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

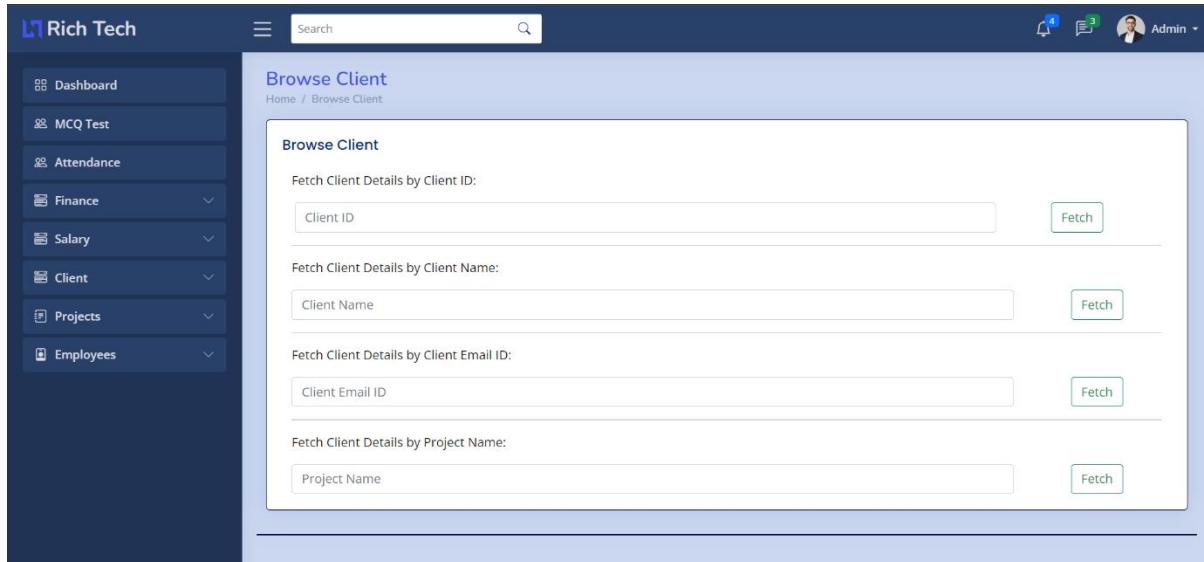


Fig 23: Browse Client

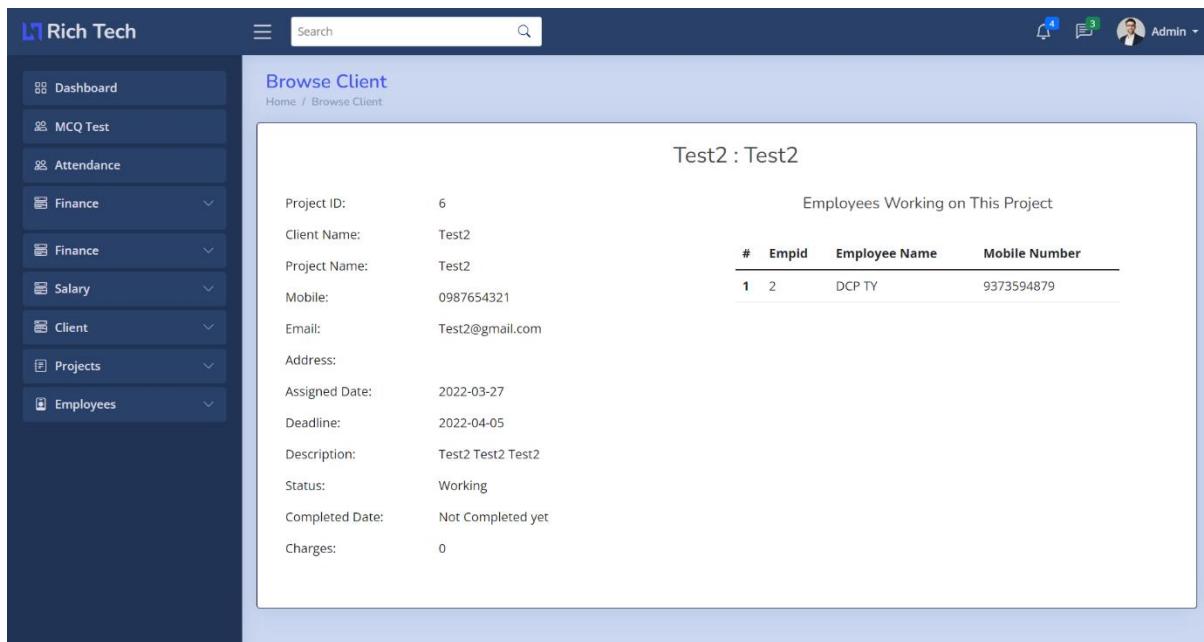


Fig 24: Browse Client by ID, Name, Email ID.

The screenshot shows the 'Client Payment' page within the Rich Tech application. The left sidebar contains navigation 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, the title 'Payment' and 'Home / Payment from Client' are displayed. A sub-section titled 'Client Payment' contains fields for 'Client ID' (with placeholder 'Enter Client ID'), 'Amount' (placeholder 'Enter Amount'), 'Payment Date' (placeholder 'dd/mm/yyyy'), and 'Payment Details' (placeholder 'Enter Payment Details'). To the right is a table listing client payments:

#	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

A blue 'Submit' button is located at the bottom of the form.

Fig 25: Client Payment

The screenshot shows the 'Assign Project Work' page within the Rich Tech application. The left sidebar contains navigation 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, the title 'Assign Project Work' and 'Home / Assign Work' are displayed. A sub-section titled 'Assign Project Work' contains a 'Project ID' input field and a 'Next' button. To the right is a table listing project details:

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

Fig 26: Assign Client Project to Employee

The screenshot shows the 'Assign Project Work' interface. On the left is a sidebar with navigation links: Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main area has a search bar and a 'Next' button. Below it is a table of project details:

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 the table, a section titled 'Test2 : Test2' displays client information and an employee status table:

Client ID:	6	Employees Status			
Client Name:	Test2	#	Empid	Employee Name	Status
Project Name:	Test2	1	1	CWIT computer	Free
Mobile:	0987654321	2	2	DCP TY	Working
Email:	Test2@gmail.com	3	194032	Umer Shaikh	Working
Address:		4	194009	Sarvesh Mankar	Working
Assigned Date:	2022-03-27	5	194028	Gourav Suram	Working
Deadline:	2022-04-05	Assign			
Description:	Test2 Test2 Test2	Add Employee Delete Last Employee			
Status:	Working				

Fig 27: Project Status

The screenshot shows the 'Submit Project' interface. On the left is a sidebar with navigation links: Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main area has a search bar and a 'Next' button. Below it is a table of project details:

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. On the left is a sidebar with navigation links: Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main content area has a header 'Submit Project' with a breadcrumb 'Home / Submit Project'. Below this is a form titled 'Submit Project Work' with a 'Project ID' input field and a 'Next' button. To the right is a table titled 'Projects we are Working on!' with columns: Project ID, Client Name, Project Name, Due Date, and Status. The table contains three rows: 6 (Test2, Test2, 2022-04-05, Working), 11 (Test3, Test3, No Due Date, Working), and 12 (Test4, Test4, No Due Date, Working). Further down is a section titled 'Test2 : Test2' containing project details like 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), and Status (Working). To the right is a table titled 'Employees Working on This Project' with columns: #, Empid, Employee Name, and Mobile Number. It shows one row: 1 (DCP TY, 9373594879). Below these sections are fields for 'Completed date' (yyyy-mm-dd format) and 'Charges in Number', followed by a 'Submit' button.

Fig 29: Check Employee Project Section

The screenshot shows the 'Add Employee' form. The sidebar on the left includes the same navigation links as Fig 29. The main form is titled 'Employee' with a breadcrumb 'Home / Add Employee'. It has a section titled 'Add Employee Details' with fields for Employee ID (input), Employee Role (input), Join Date (dd/mm/yyyy input), Department (HR dropdown), Username (@ input), Password (input), Re-type Password (input), Base Salary (INR) (input), Bank Name (input), and Bank Account number (input). A 'Submit' button is at the bottom right, and a blue upload icon is in the bottom right corner of the form area.

Fig 30: Add Employee Form

The screenshot shows the 'Employees' section of the Rich Tech application. The left sidebar has a dark blue background with white icons and text for Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The 'Employees' option is highlighted. The main content area has a light blue header with a search bar and a user icon labeled 'Admin'. Below the header, the title 'Employees' is displayed above a breadcrumb trail 'Home / Employees'. A table titled 'Employee Details' lists five employees with columns for #, Empid, Employee Name, Email, Mobile Number, Birth Date, Address, Bio, and Status.

#	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	dcpy@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 of the Rich Tech application. The left sidebar is identical to Fig 31. The main content area has a light blue header with a search bar and a user icon labeled 'Admin'. Below the header, the title 'Employees' is displayed above a breadcrumb trail 'Home / Employees'. A form titled 'Fetch Employee Details by Employee ID:' contains a text input field and a 'Fetch' button. Another form titled 'Fetch Employee Details by Employee Name:' contains a text input field and a 'Fetch' button. A third form titled 'Fetch Employee Details by Employee Email ID:' contains a text input field and a 'Fetch' button.

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

The screenshot shows the 'Employees' page under the 'Rich Tech' company system. The left sidebar includes links for Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main content area displays a detailed employee profile for 'CWIT computer' with the following information:

Employee Id:	1
Email Id:	cwitcomputer@gmail.com
Mobile No:	8208419540
DOB:	2003-04-25
Address:	Bund Garden, Pune
Bio:	Engineering
Status:	Free

Below the profile, there are two sections: 'Projects Completed!' and 'Projects Working On!', each with a table.

Project ID	Client Name	Project Name	Submission Date	Charges
1	CWIT Technologies	Portfolio	2022-02-19	5000
2	DCP Software Provider	MCQ Platform	2022-02-19	4500
5	test1	test1-Proj	2022-07-11	7000

Project ID	Client Name	Project Name	Due Date
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Fig 33: Employee Status

The screenshot shows the 'Dashboard' page under the 'Rich Tech' company system. The left sidebar includes links for Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main content area features a 'Reports / Today' section with a line graph showing data over time. A notification bar on the right side lists four recent activities:

- Employee: New Employee of Username q with Pentester Role has been Added! (13 Jul, 2022)
- Employee: New Employee of Username ig with emp Role has been Added! (10 Jul, 2022)
- Employee: New Employee of Username yeah with emp Role has been Added! (09 Jul, 2022)
- Employee: New Employee of Username emp1 with emp Role has been Added! (10 Jul, 2022)

At the bottom, there is a 'Budget Report | This Month' section.

Fig 34: Notification Bar

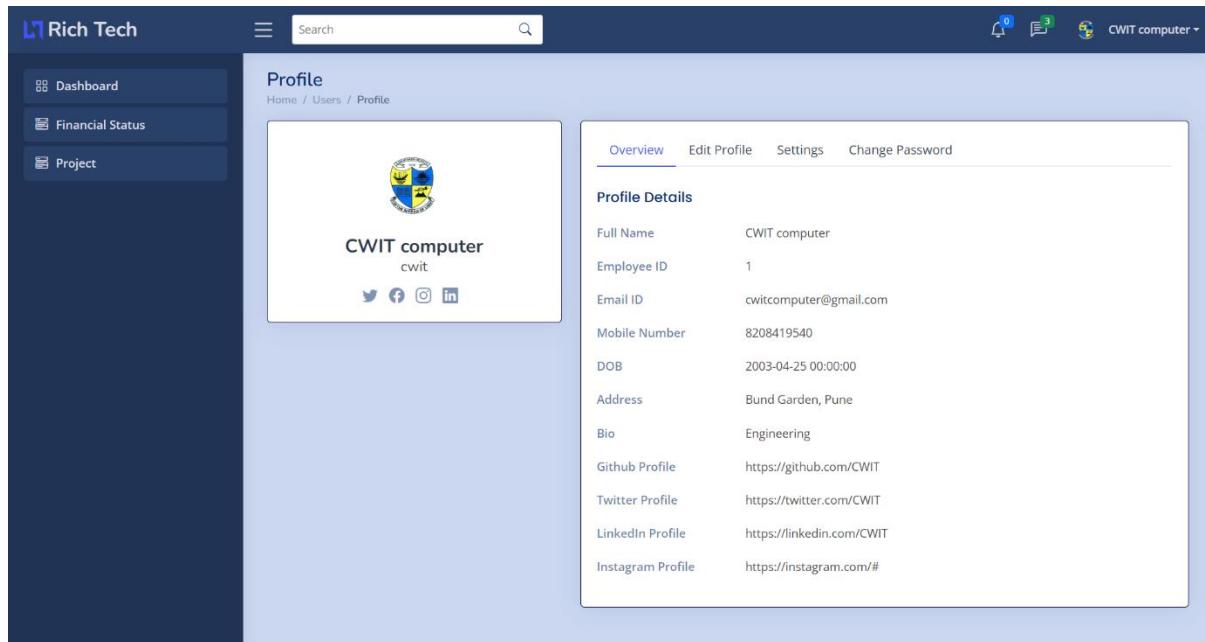


Fig 35: Employee Dashboard

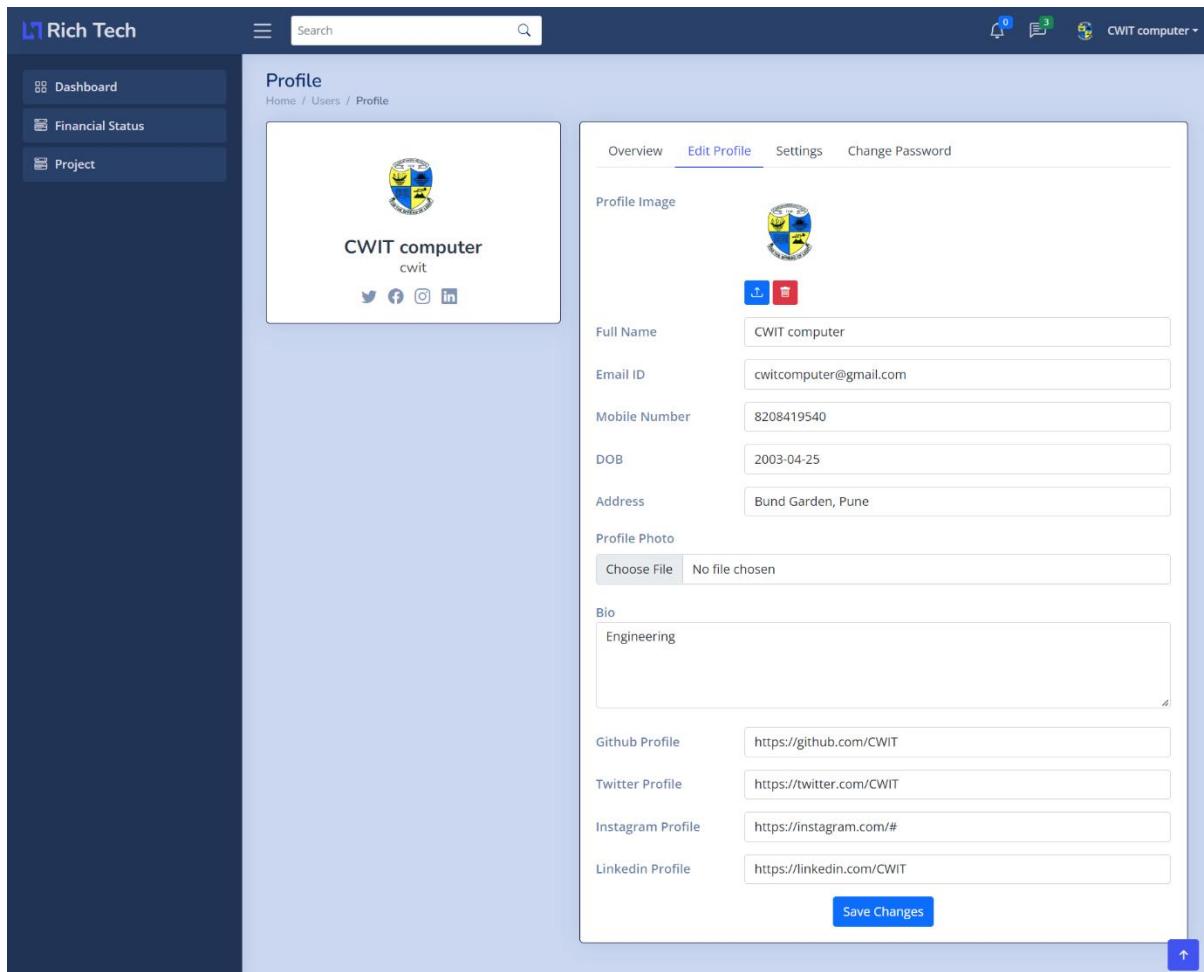


Fig 36: Edit Employee Data

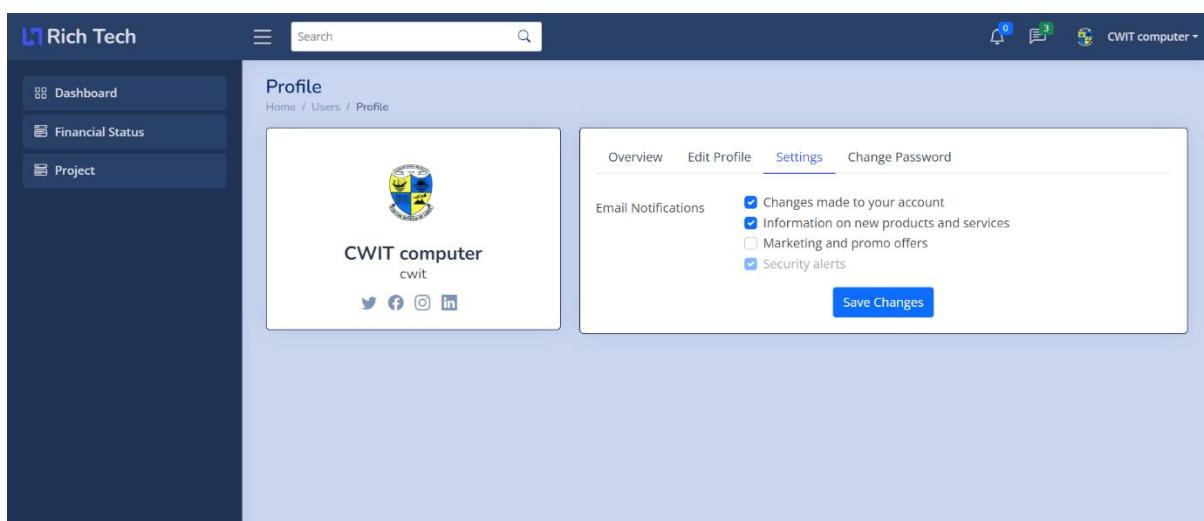


Fig 37: Settings Page

The screenshot shows the 'Profile' section of the Rich Tech system. The left sidebar has 'Dashboard', 'Financial Status', and 'Project' options. The main area shows a user profile for 'CWIT computer' with a logo and social media links. The 'Change Password' tab is selected in the top navigation bar. The form fields include 'Current Password', 'New Password', and 'Re-enter New Password', with a 'Change Password' button at the bottom.

Fig 38: Change Password Form

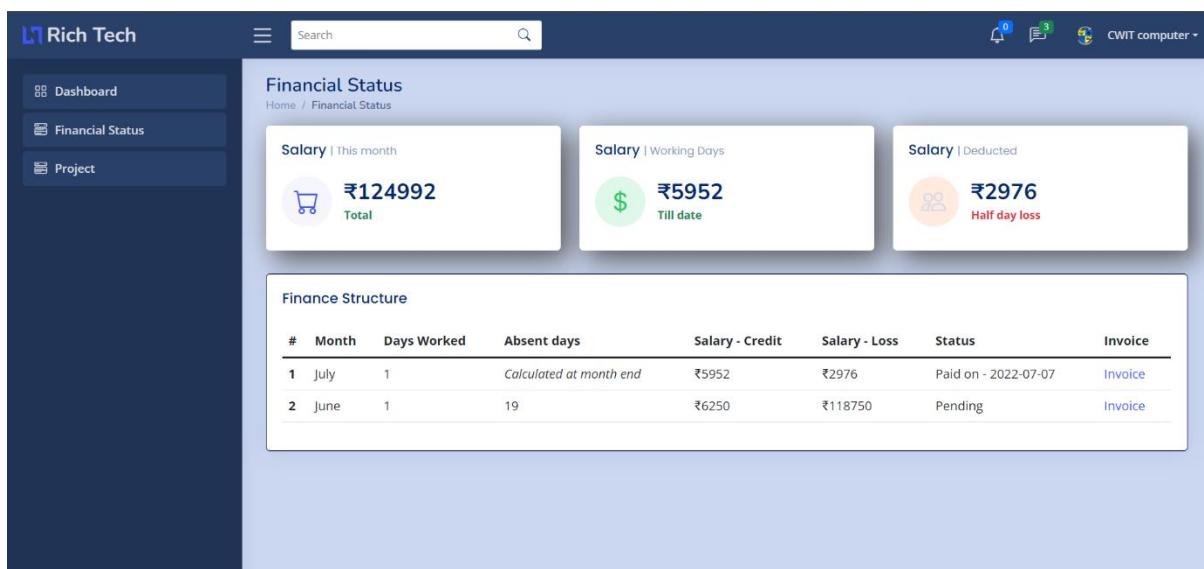


Fig 39: Finance Status – Employee

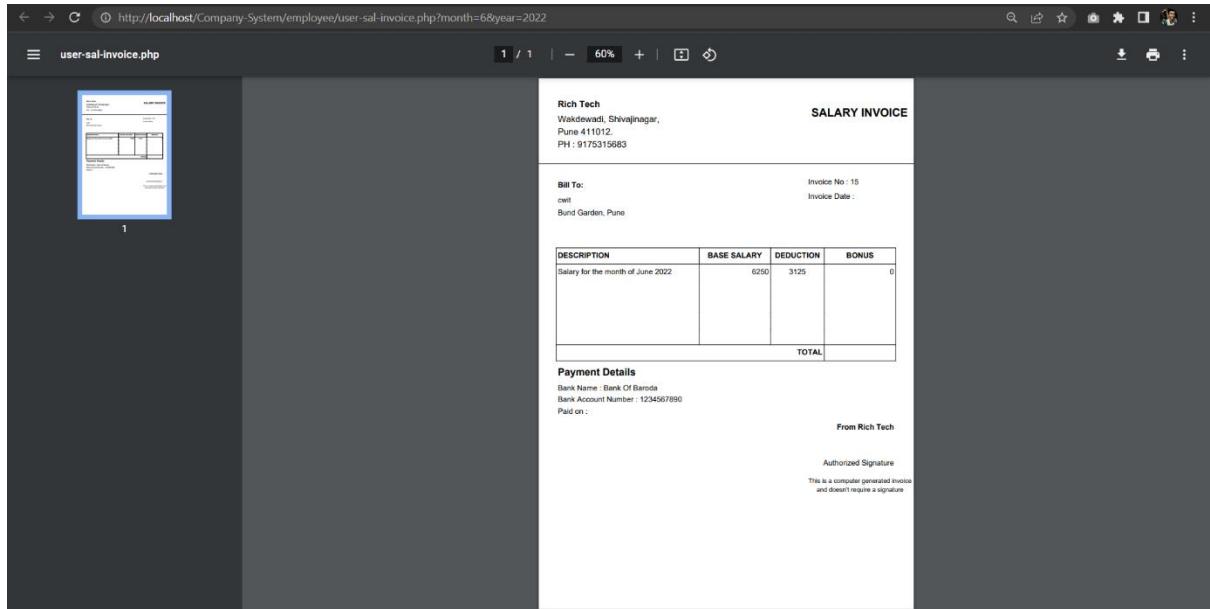


Fig 40: Employee Salary Receipt

Completed Projects

#	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

Working Projects

#	Company Name	Project Name	Description	Due Date
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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 effective 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. The user input is sanitized which would not lead to any issues. The queries are programmed using prepared statement to pass exact data needed to avoid any kind of vulnerability in the software.

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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