

Database Management Systems

Sarvesh Anand Mankar

142203013

TY Comp Div-2, T4 Batch

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

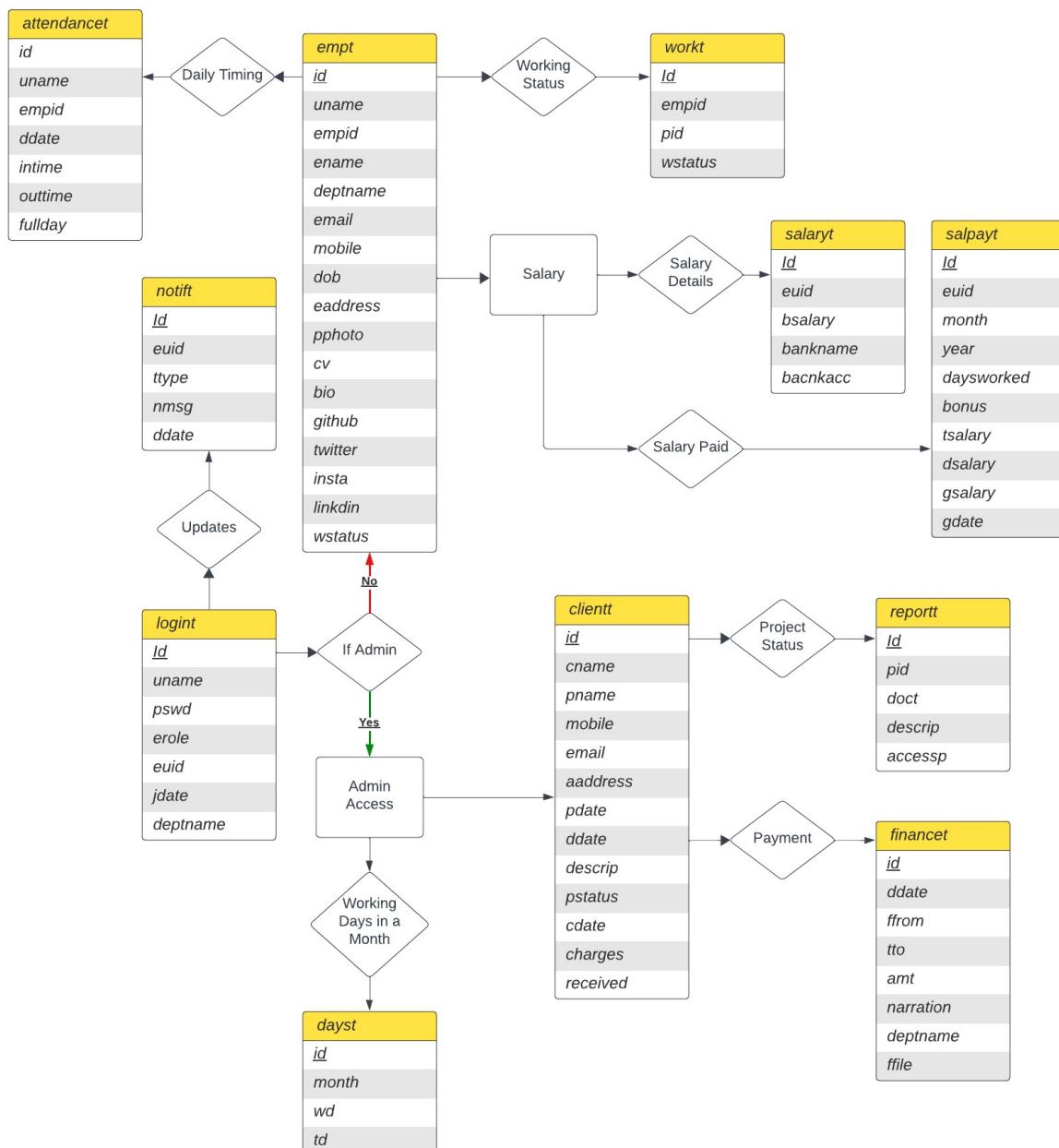
- Processor : Intel i5 5th Generation
- Cores : 4
- Processor Speed : 3.0 GHz
- RAM : 4 Gigabytes
- SSD : 1024 Megabytes
- Speed : 1.10 GHz
- Clock Speed : 2.4 GHz
- Graphics : Intel Iris XE

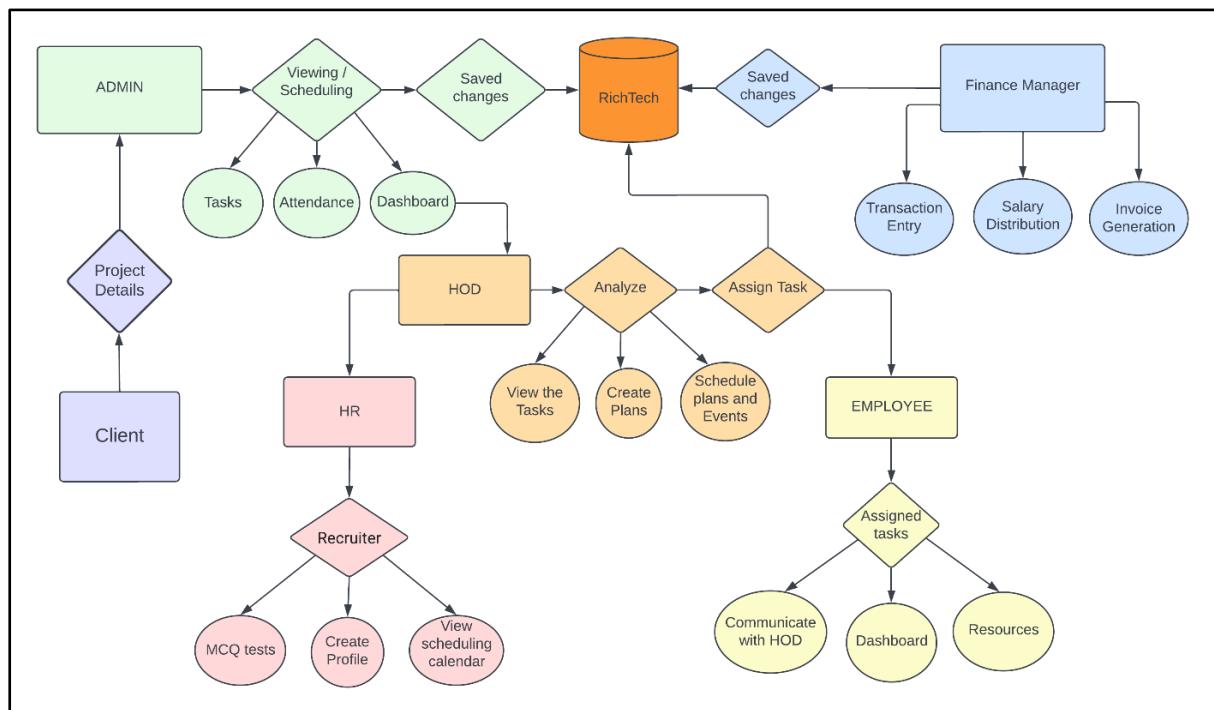
Software Requirements

- 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

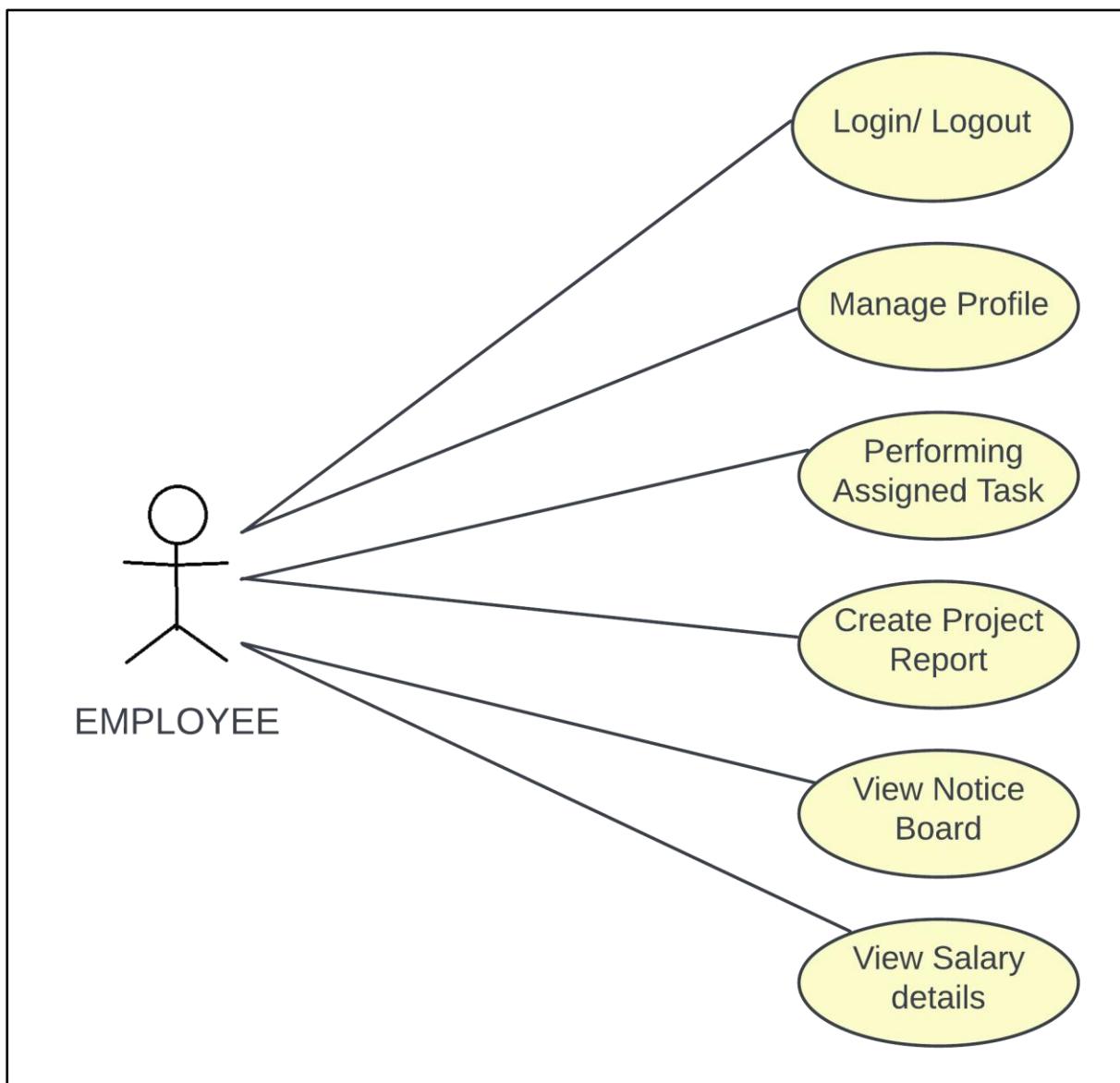
9.1 ER Diagram



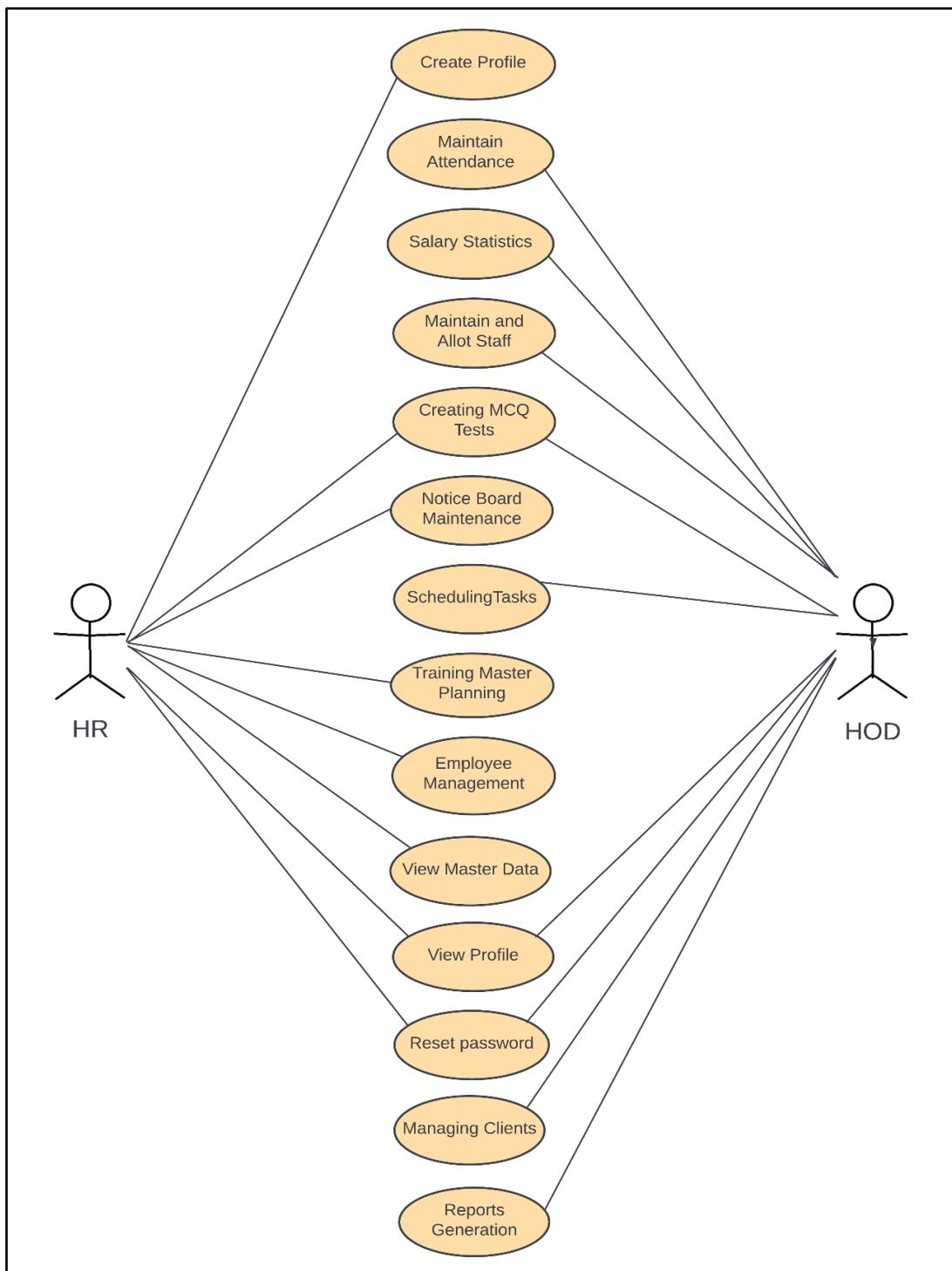


9.2 Use Case Diagram

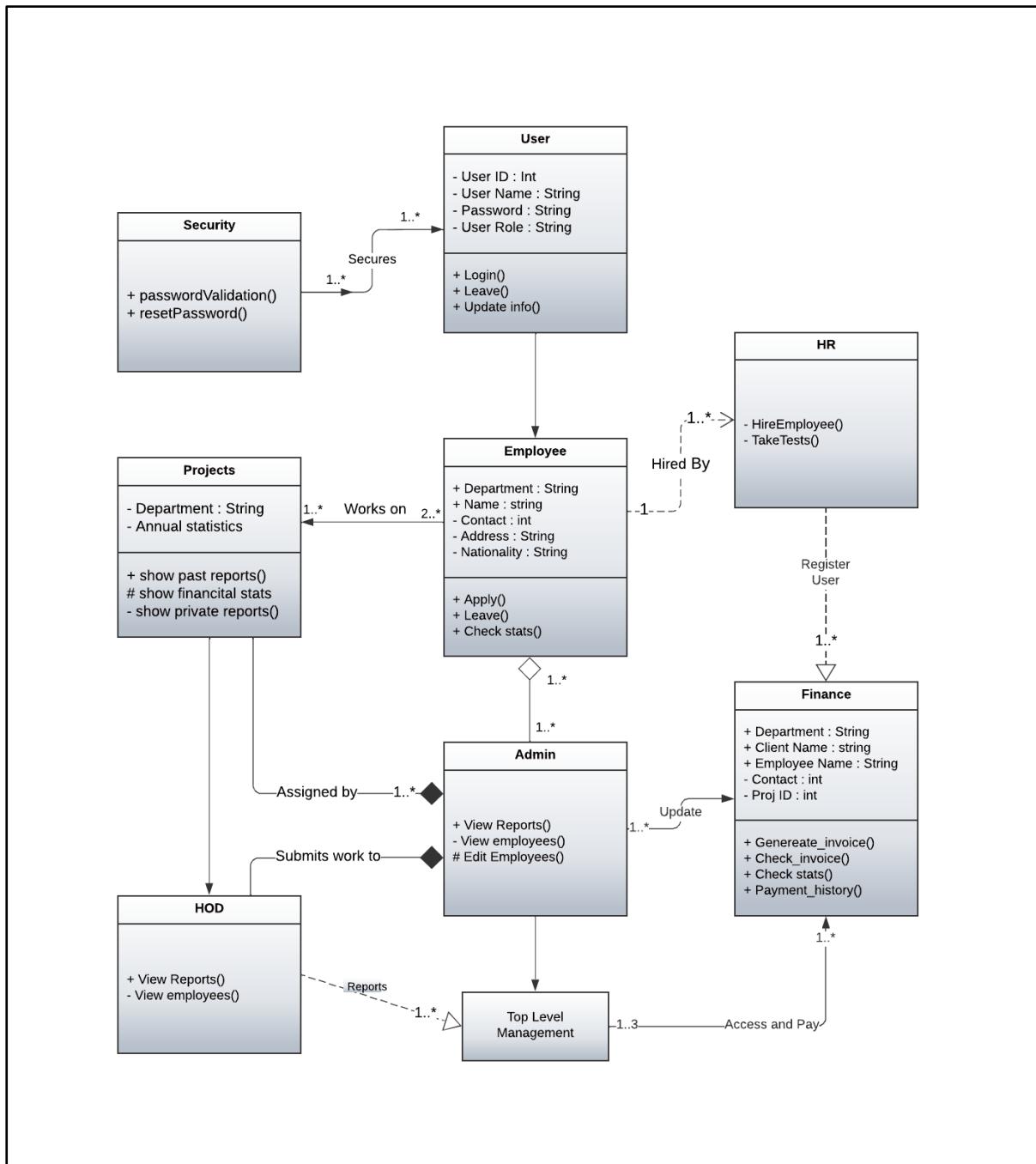
9.2.1 Employee



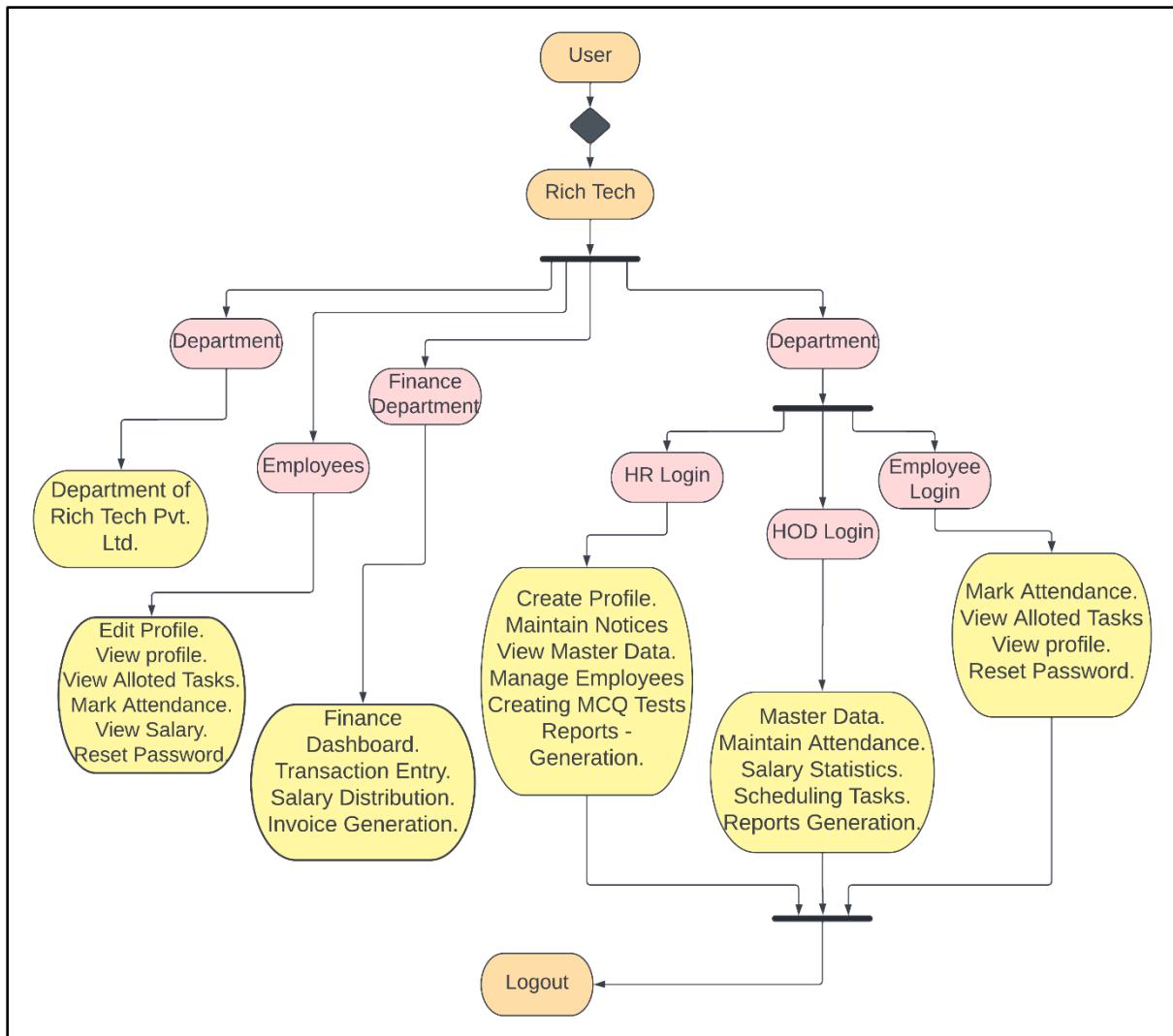
9.2.1 H.O.D. and H.R.



9.3 Class Diagram

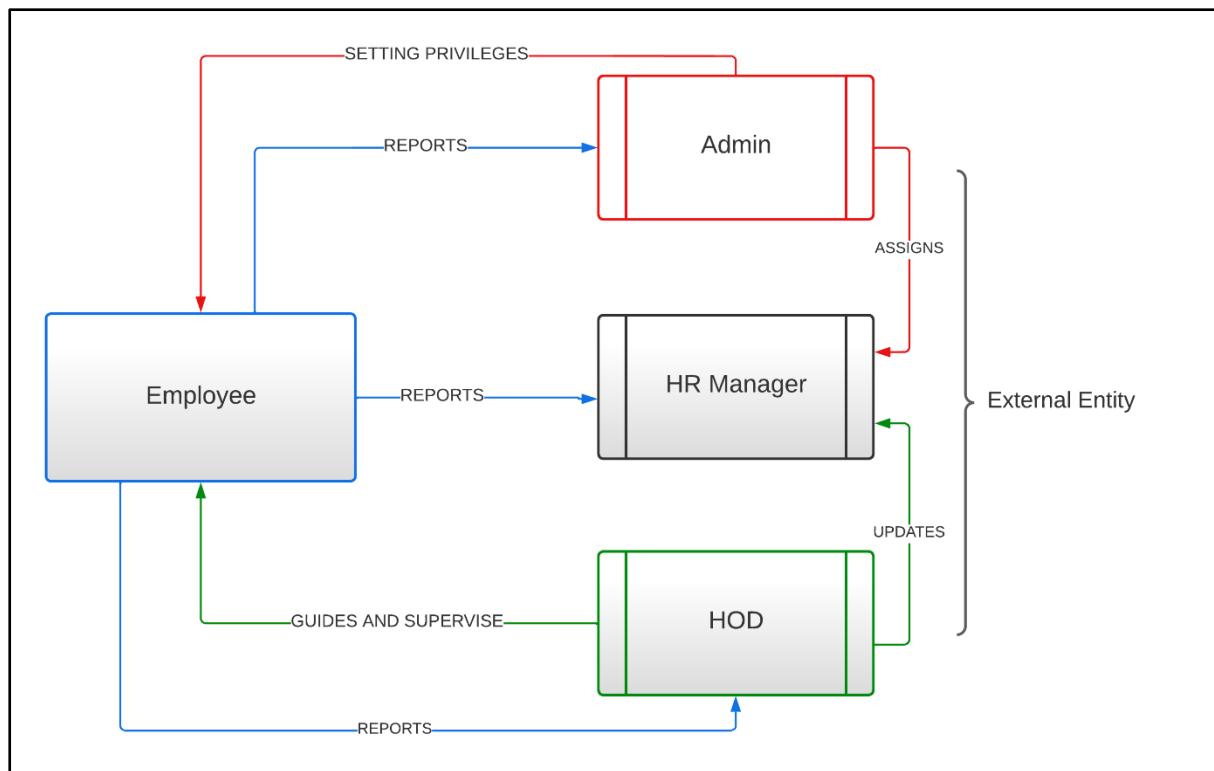


9.4 Activity Diagram

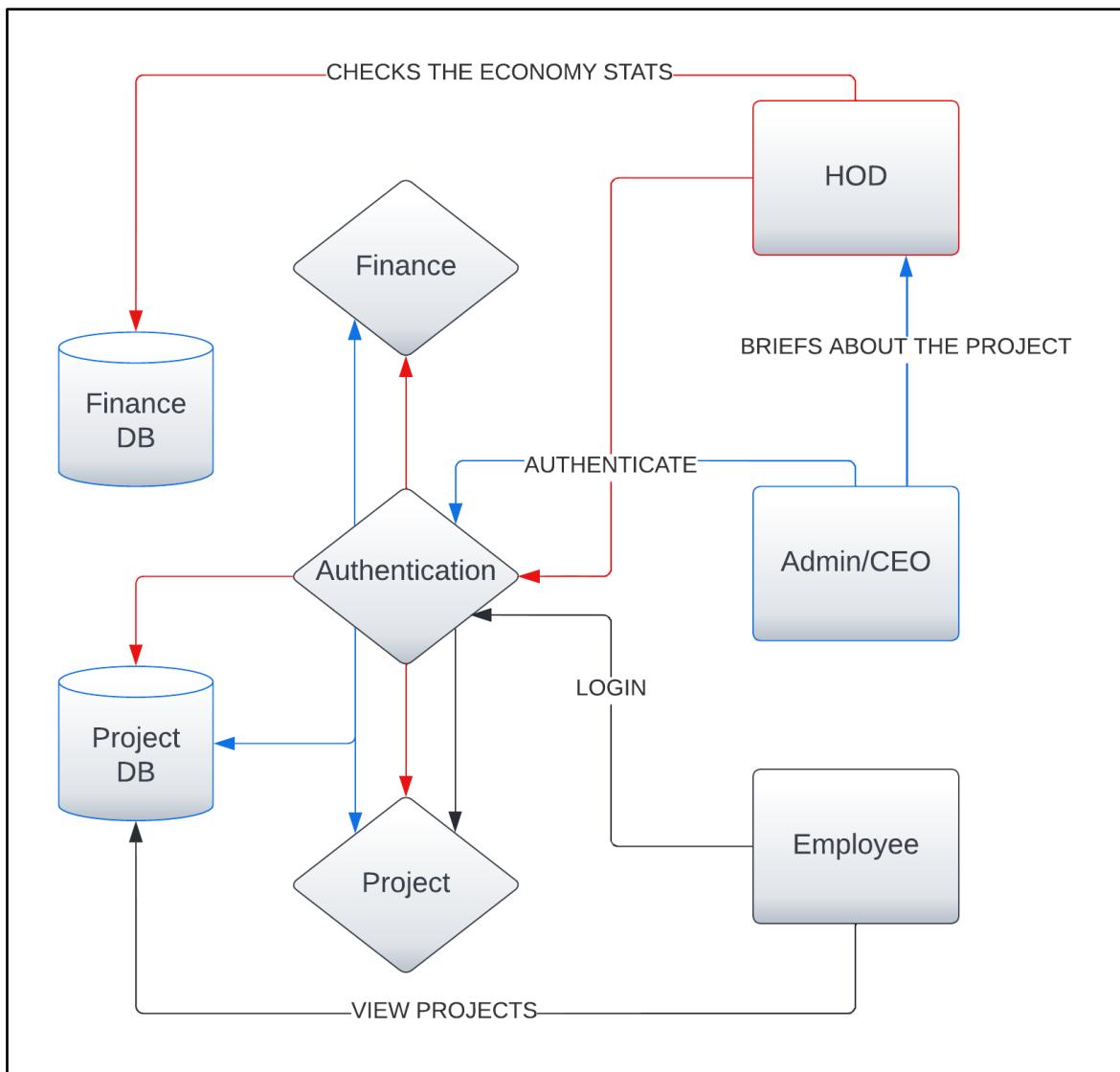


9.5 Data Flow Diagram

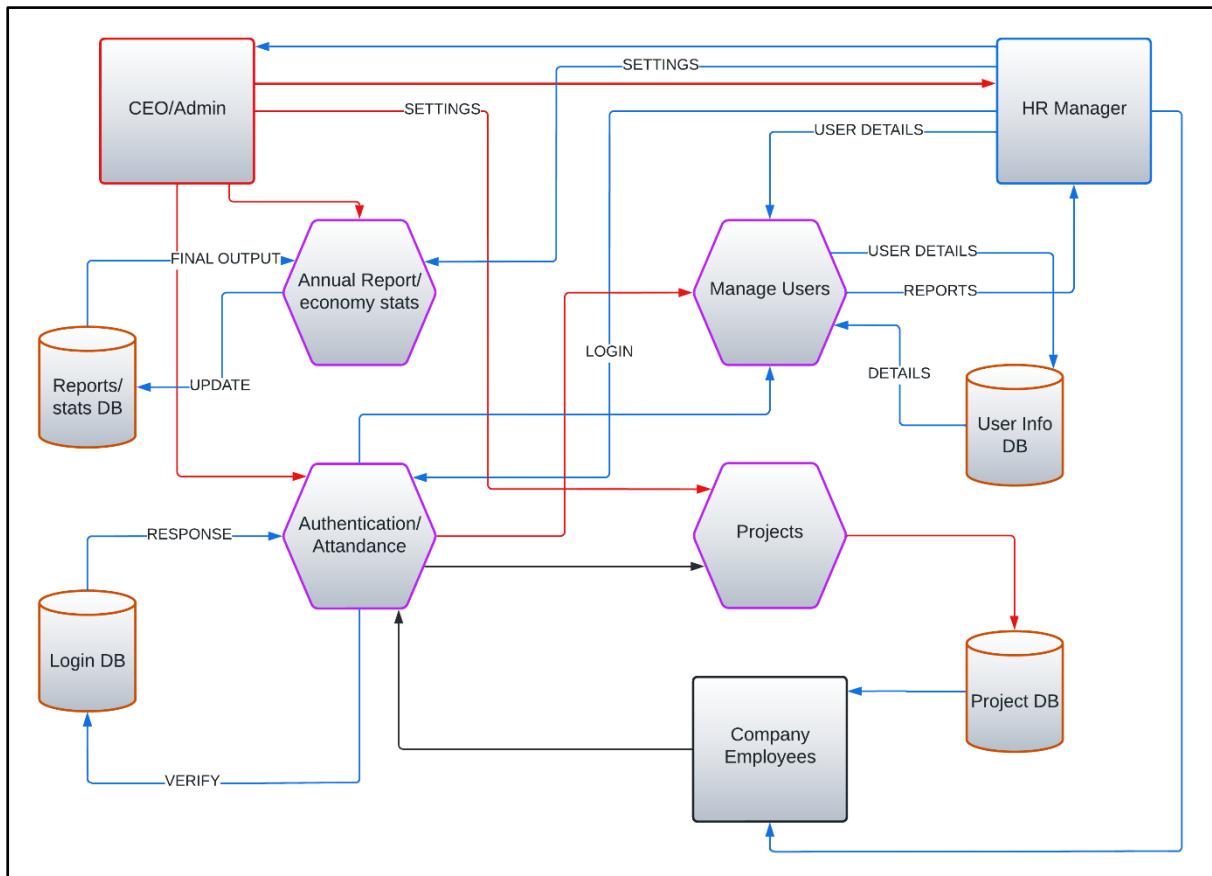
9.5.1 DFD Level 0



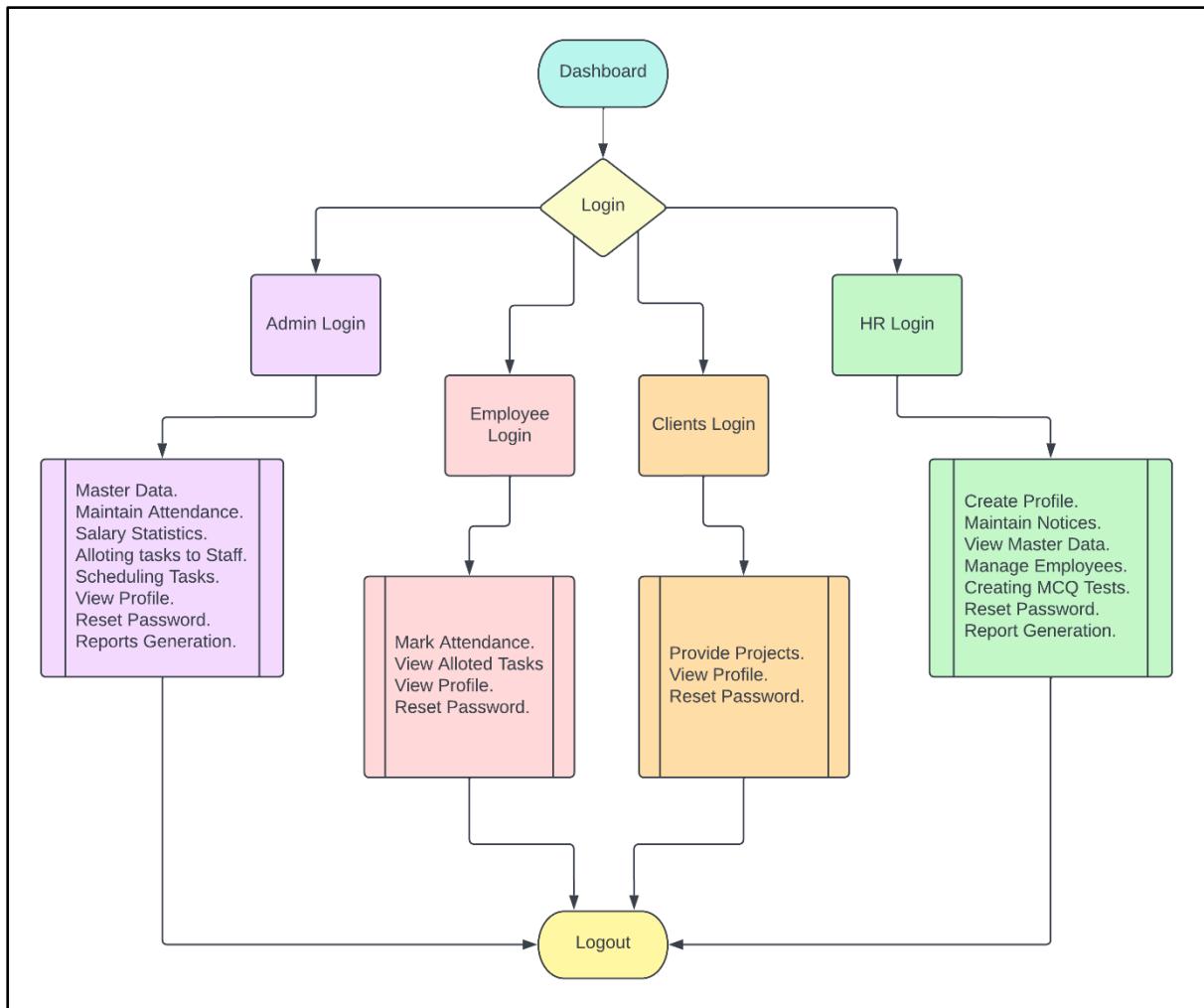
9.5.2 DFD Level 1



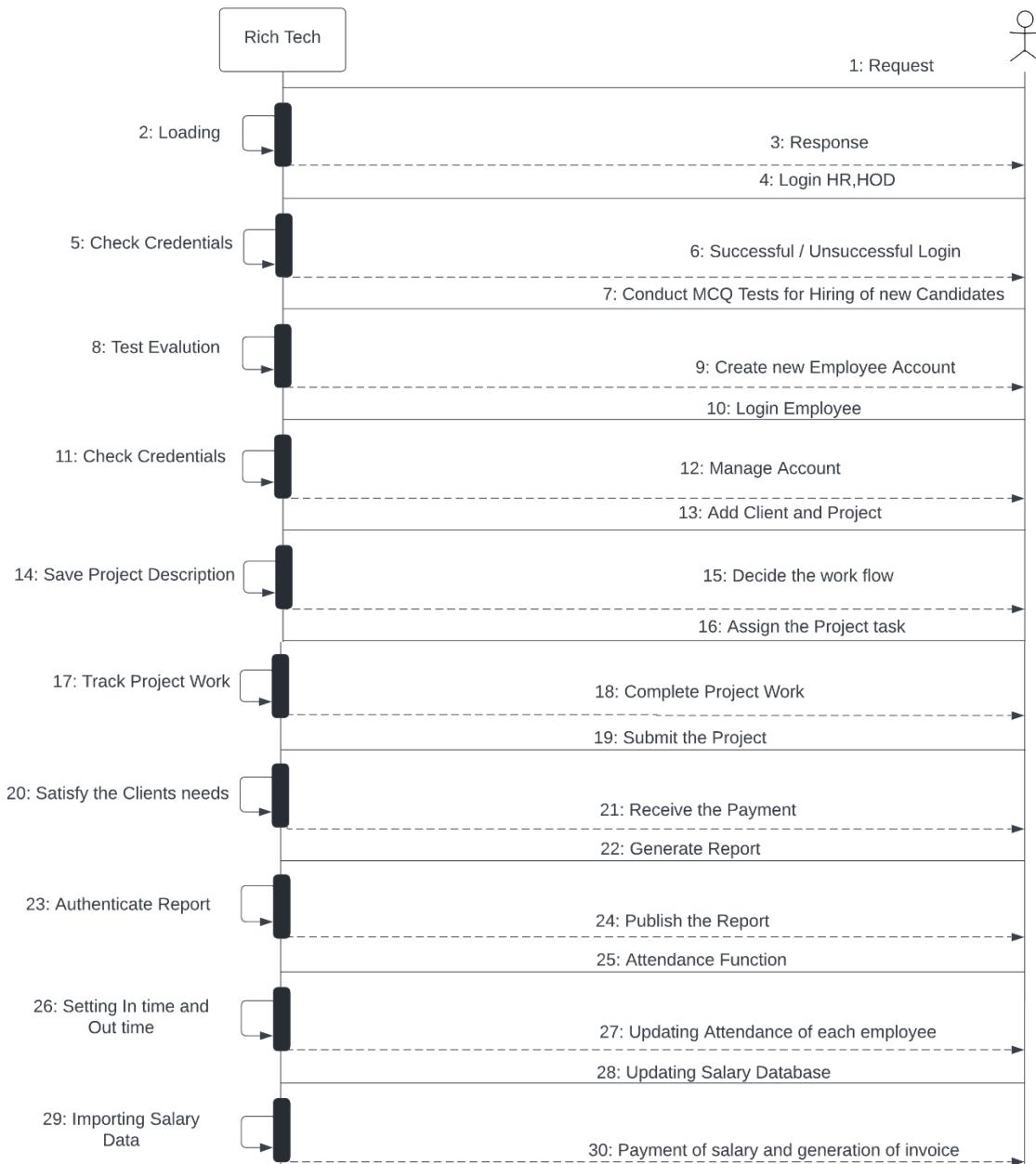
9.5.3 DFD Level 2



9.6 Flow Diagram



9.7 Sequence Diagram



10. Application Preview

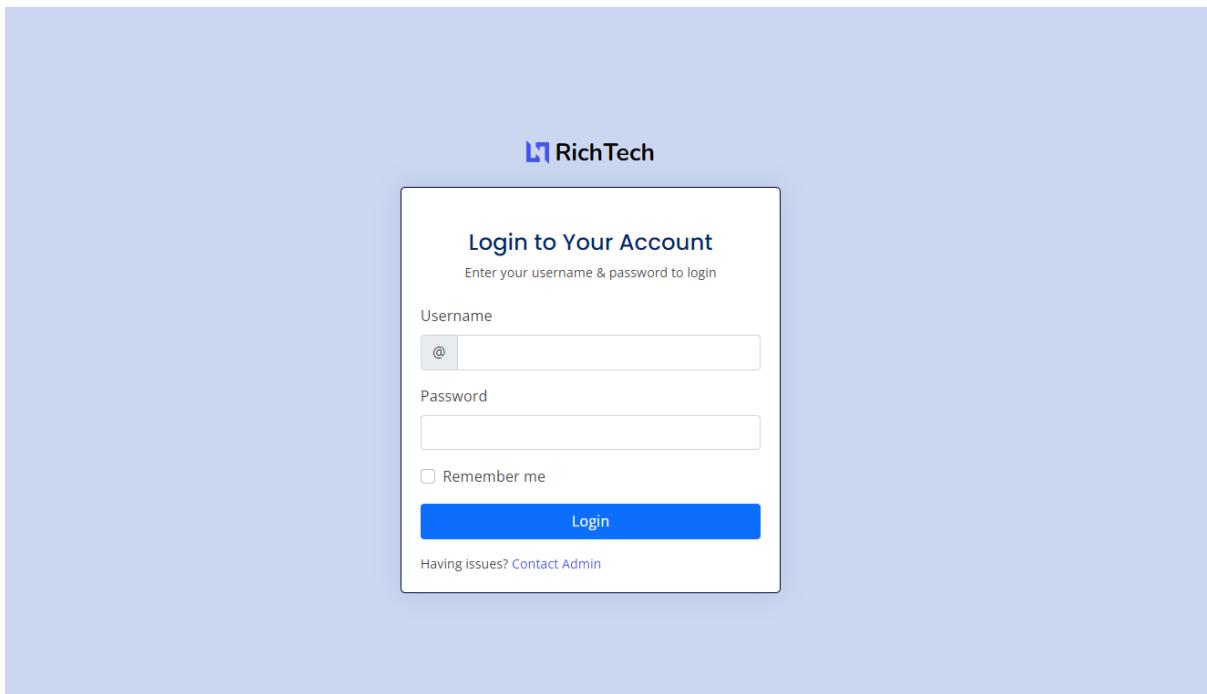


Fig 1: Login Screen

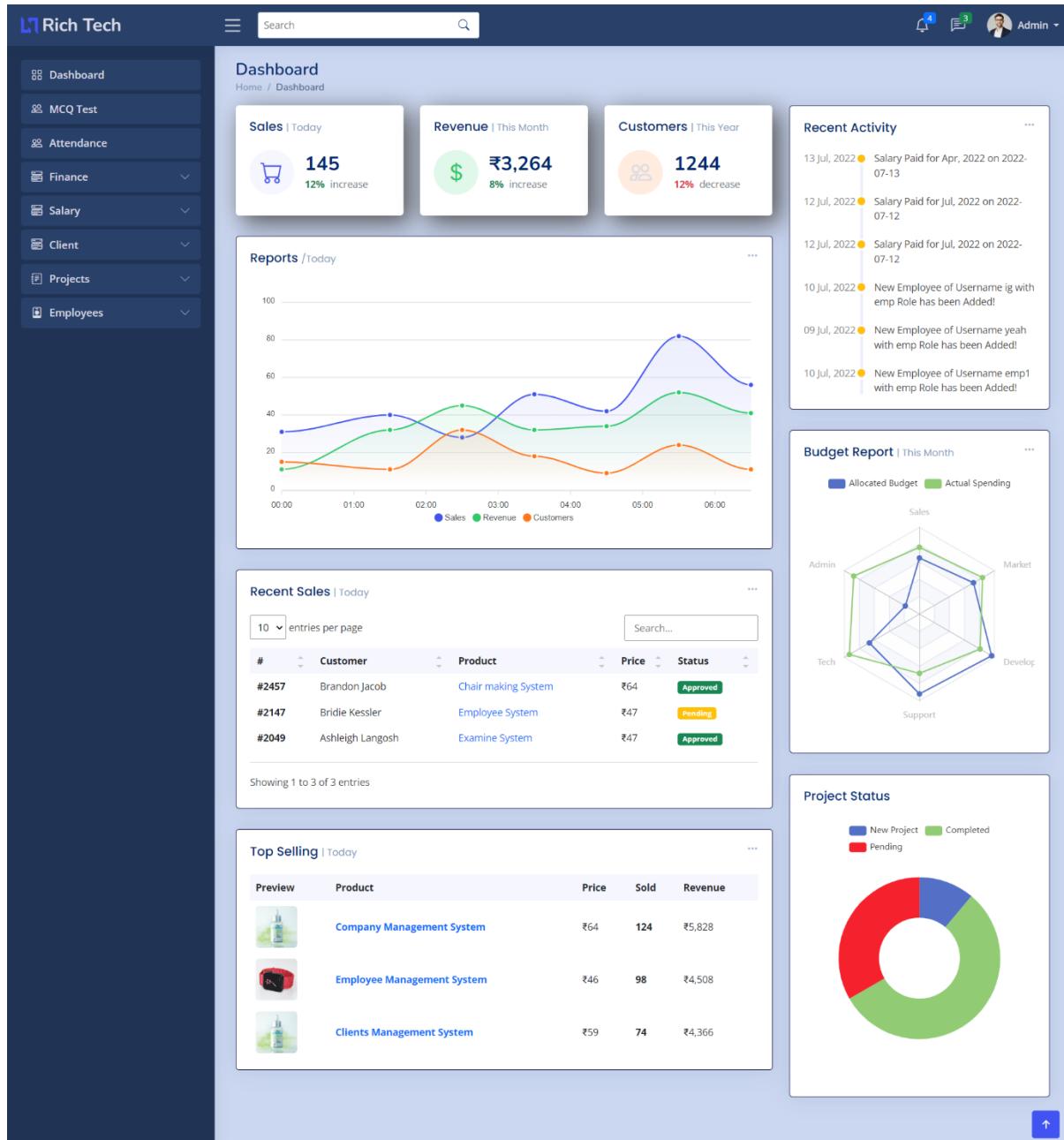


Fig 2: Admin Dashboard

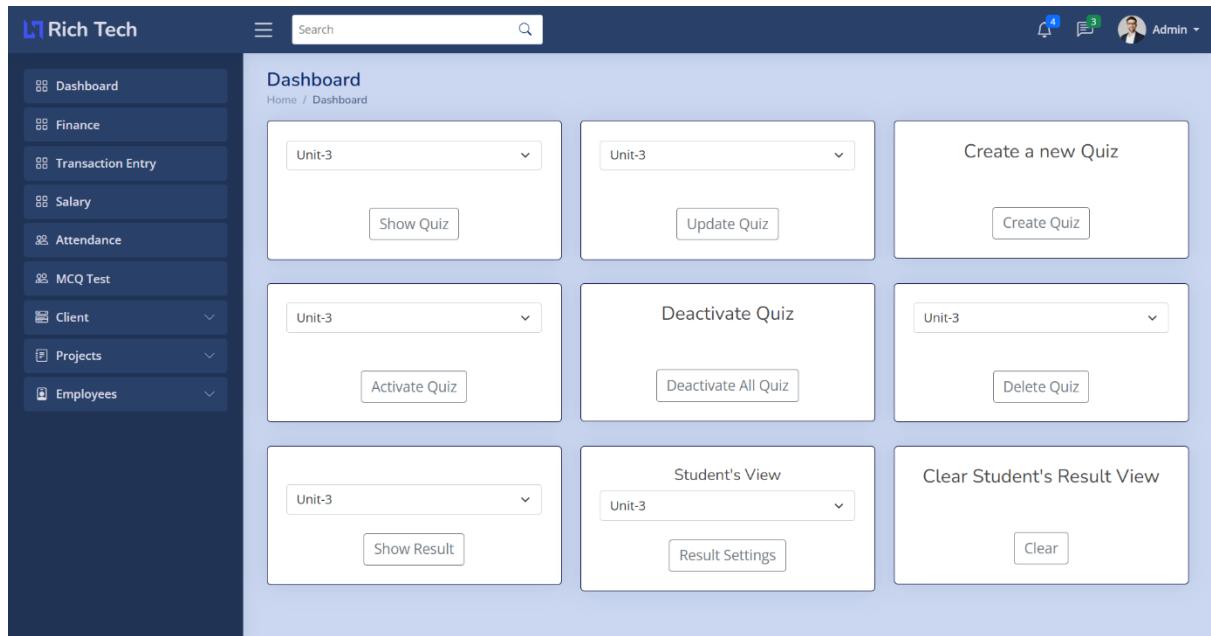


Fig 3: MCQ Dashboard

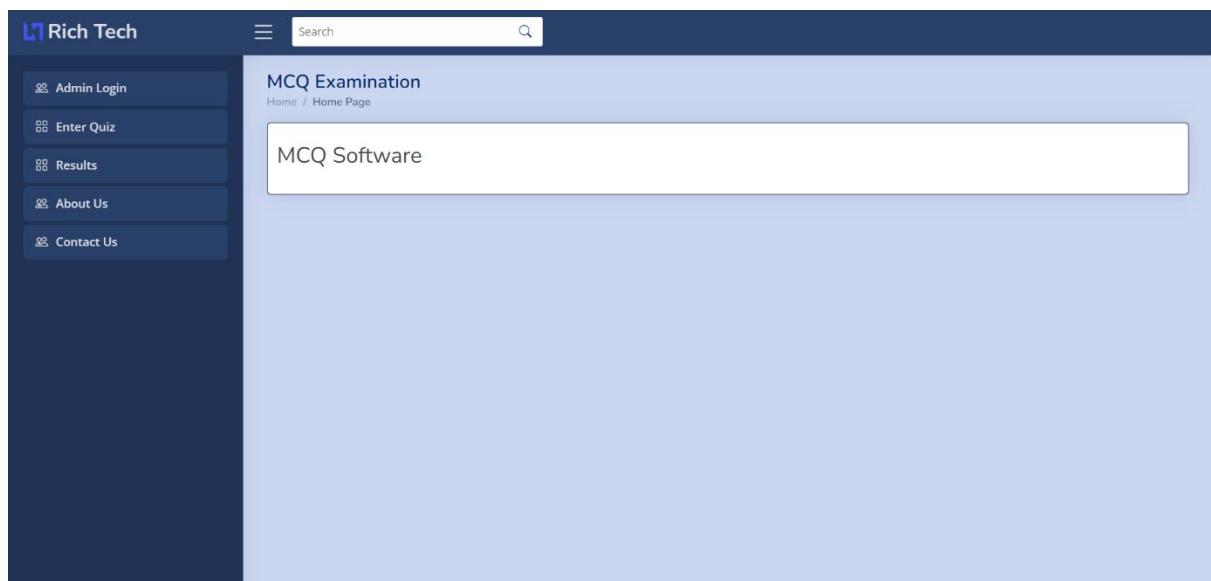


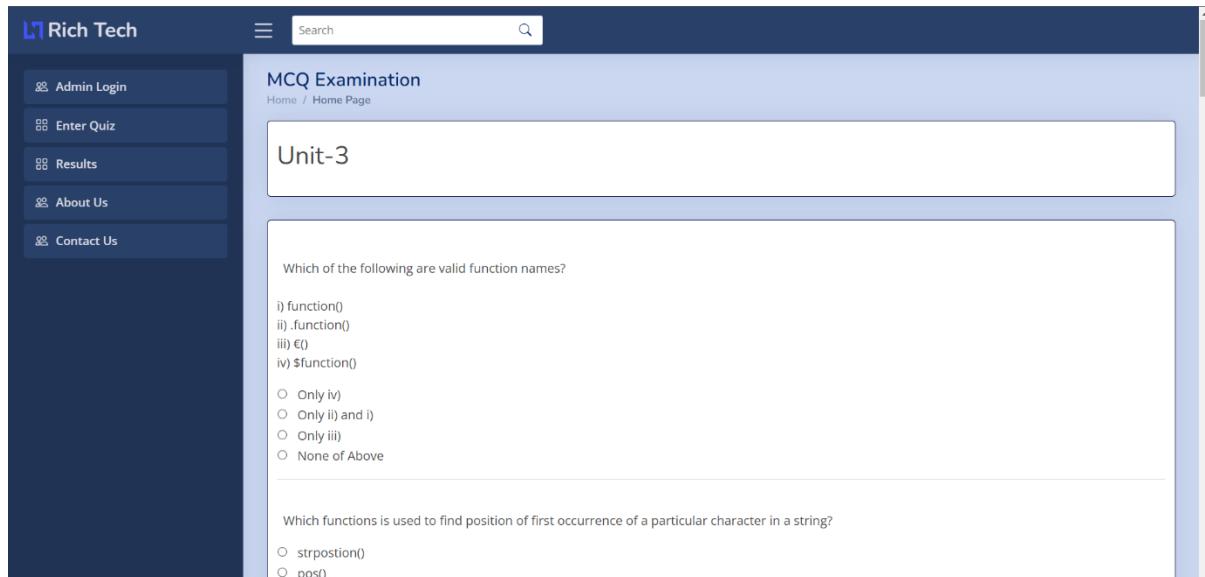
Fig 4: MCQ Dashboard – Candidate

The screenshot shows a web application interface for a 'MCQ Examination'. The header includes a logo 'LT Rich Tech', a search bar, and a navigation menu with options like '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 text box prompts 'Enter Your Details!'. Below it are four input fields: 'Email Id', 'Full Name', 'Enrollment Number', and 'Mobile Number'. A green 'Next' button is positioned at the bottom right of the input area.

Fig 5: MCQ – Fill up form

The screenshot shows the same 'MCQ Examination' page. The main content area displays 'Instructions:-' followed by three numbered points: '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 the instructions box.

Fig 6: MCQ – Instructions

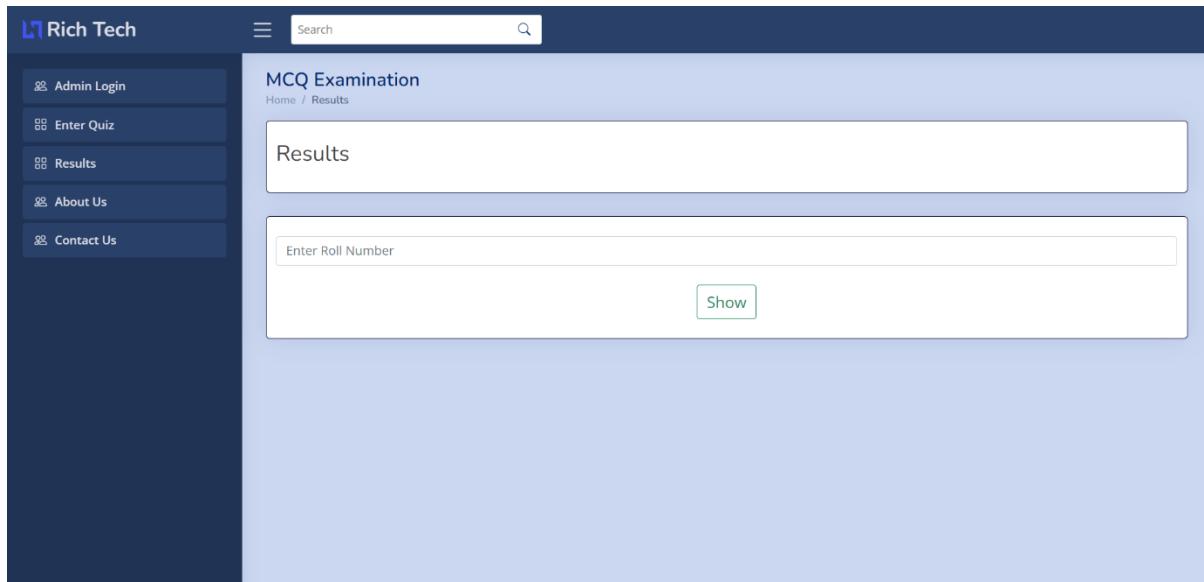


The screenshot shows a web-based MCQ examination system. The header features a dark blue bar with the logo 'Rich Tech' and a search bar. Below the header, the title 'MCQ Examination' is displayed, along with a breadcrumb navigation path: Home / Home Page. The main content area is titled 'Unit-3'. A question asks: 'Which of the following are valid function names?' with four options: i) function(), ii) .function(), iii) €(), iv) \$function(). Below this, another question asks: 'Which functions is used to find position of first occurrence of a particular character in a string?' with two options: strposition() and pos(). The sidebar on the left contains links for Admin Login, Enter Quiz, Results, About Us, and Contact Us.

Fig 7: MCQ Examination Form

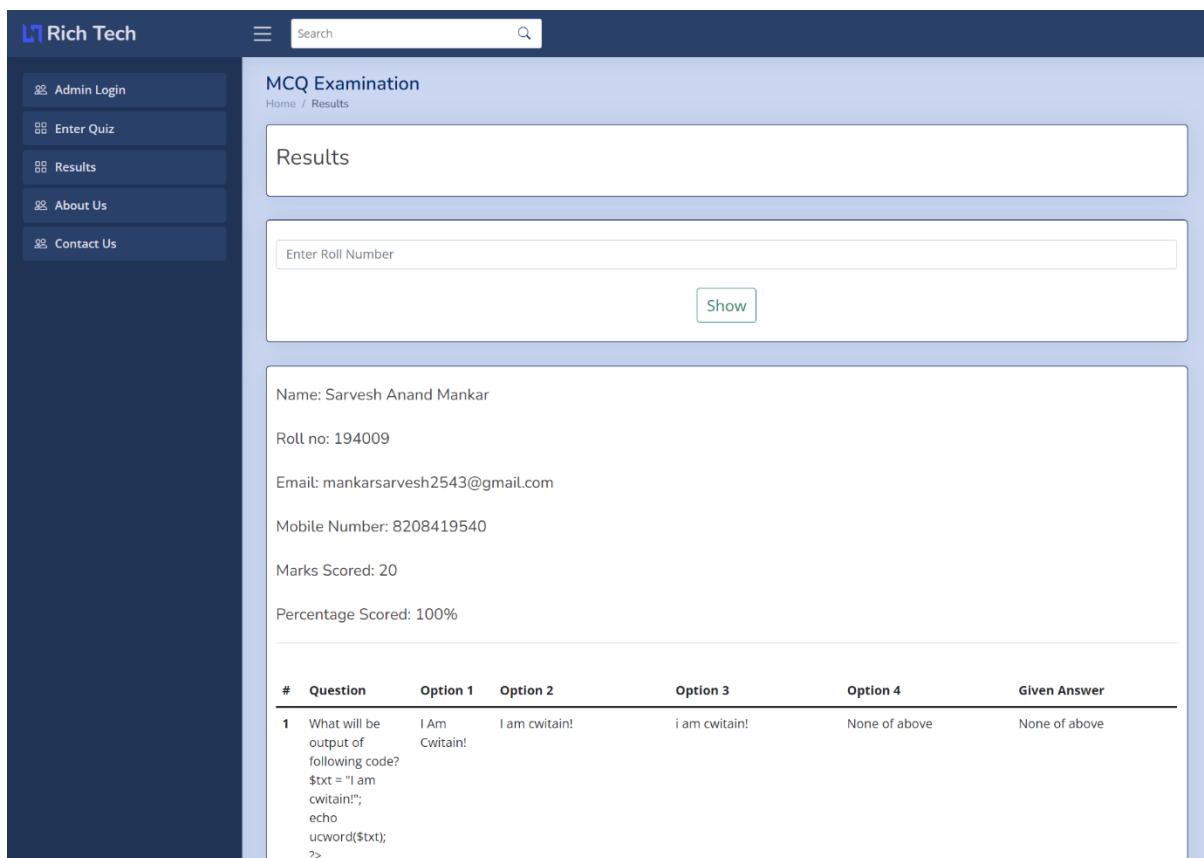


Fig 8: MCQ Submission



The screenshot shows a web application interface for an MCQ examination. The header includes the logo 'Rich Tech' and a search bar. The main title 'MCQ Examination' is displayed above a 'Results' section. A form field 'Enter Roll Number' is present with a 'Show' button. On the left, a sidebar lists navigation options: 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. It shows the user's personal information: Name: Sarvesh Anand Mankar, Roll no: 194009, Email: mankarsarvesh2543@gmail.com, Mobile Number: 8208419540, Marks Scored: 20, and Percentage Scored: 100%. Below this, a table provides detailed results for one question:

#	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 area is titled "Dashboard" and shows the path "Home / Complete Results". Below this is a row of buttons: 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

The screenshot shows the Rich Tech company system's dashboard, identical to Fig 11 but with a different view. It features the same sidebar and navigation. The main area is titled "Dashboard" and shows the path "Home / Complete Results". Below this is a row of buttons: Complete Result, Student Result, Question Stats, Graphical View, Not Submitted, and Malicious Activity. A large section titled "Results of Unit-3" displays a bar chart titled "Graphical Representation of Results of Unit-3". The chart shows the number of students in different percentage ranges:

Percentage Range	Number of Students
<35%	~9
36% to 50%	~19
51% to 75%	~25
76% to 90%	~1
91% to 100%	~4

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. The sidebar menu includes 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

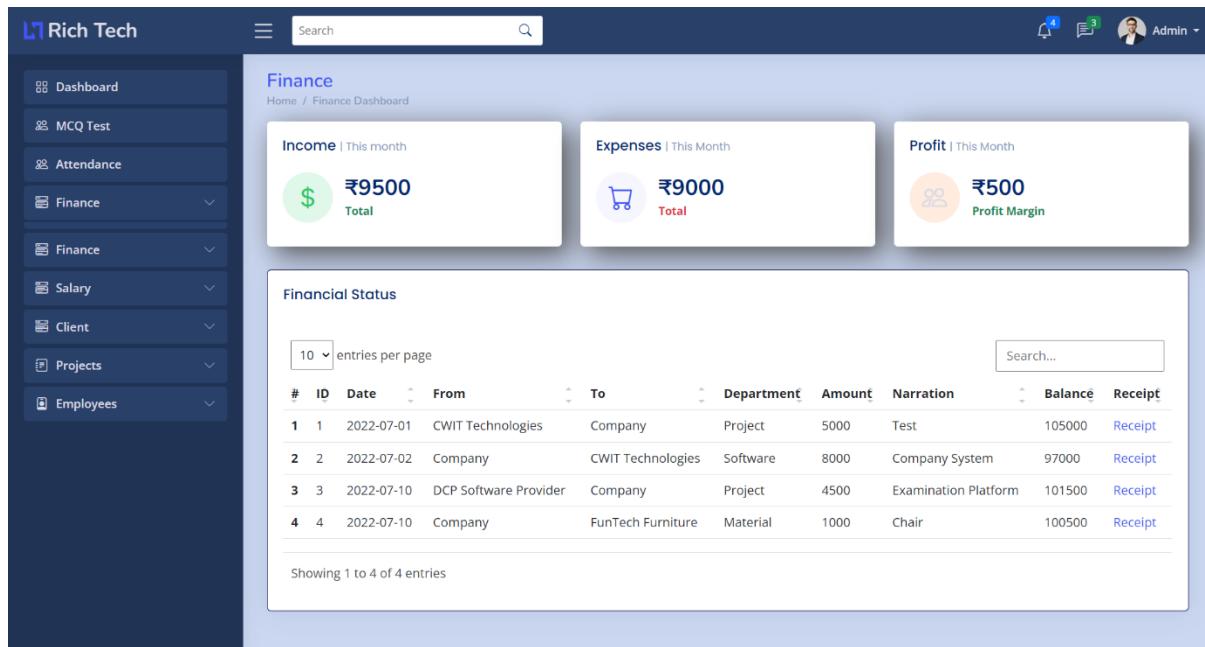


Fig 15: Finance Dashboard

The screenshot shows the 'Transaction Entry' form with the following fields:

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

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

Fig 16: Finance- Transaction Entry

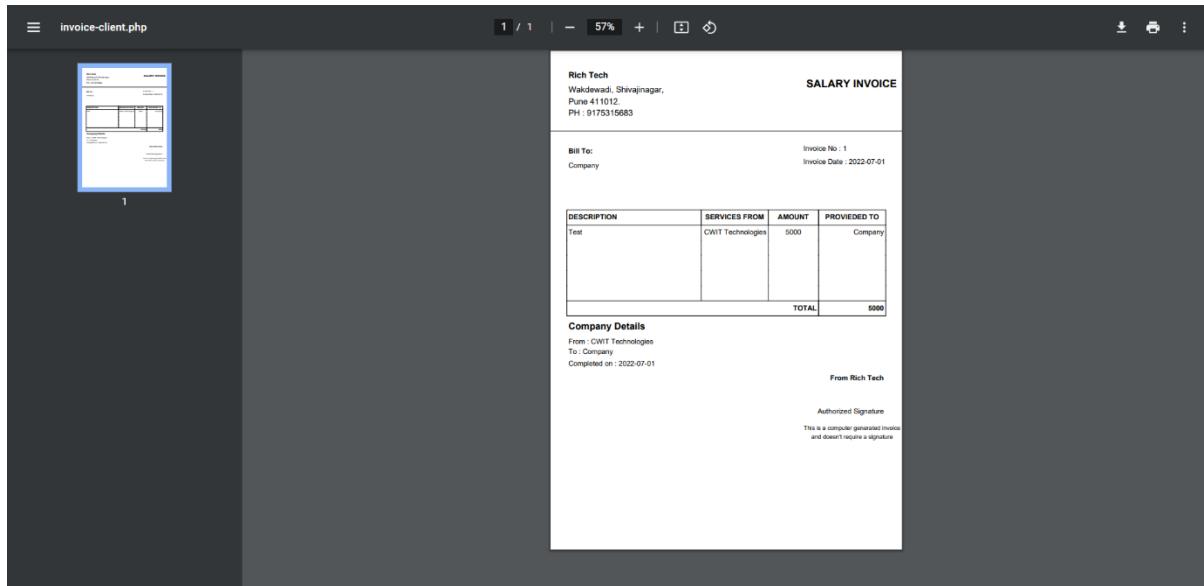


Fig 17: Finance Receipt

#	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

Rich Tech

Search

4 3 Admin

Salary Payments and Invoices

Home / Salary Payment

Employee Payment - This month

Employee ID
Enter Employee ID

Bonus
If any

Checkout

Pay

Emp ID	Name	Salary	Bonus	Total Salary	Status
1	CWIT	5952	0	5952	Paid on 2022-07-07

Employee Payment - Pending

Month
07 - July

Bonus
If any

Pay All

Checkout

Total Employee	Pending Month	Pending Payments	Completed Payments	Bonus	Total Salary
----------------	---------------	------------------	--------------------	-------	--------------

Current Logs

10 entries per page

Search...

#	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

Fig 20: Salary Receipt

The screenshot shows the 'Clients' section of the Rich Tech application. The left sidebar includes options like Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main area displays three tables:

- Client Project Working On!** (Table Headers: 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 Headers: Project ID, Client Name, Project Name, Due Date, Status)

8	a1	a1	No Due Date	Pending
---	----	----	-------------	---------
- Client Project Completed!** (Table Headers: 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' section of the Rich Tech application. The left sidebar includes options like Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The main area contains a form titled 'Add Client Details' 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

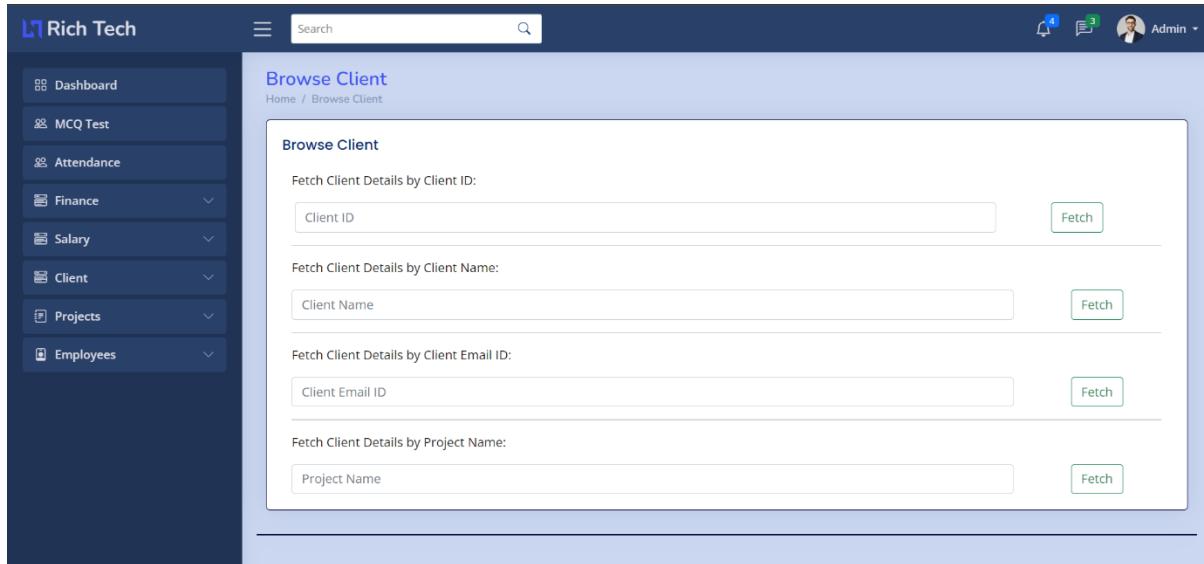


Fig 23: Browse Client

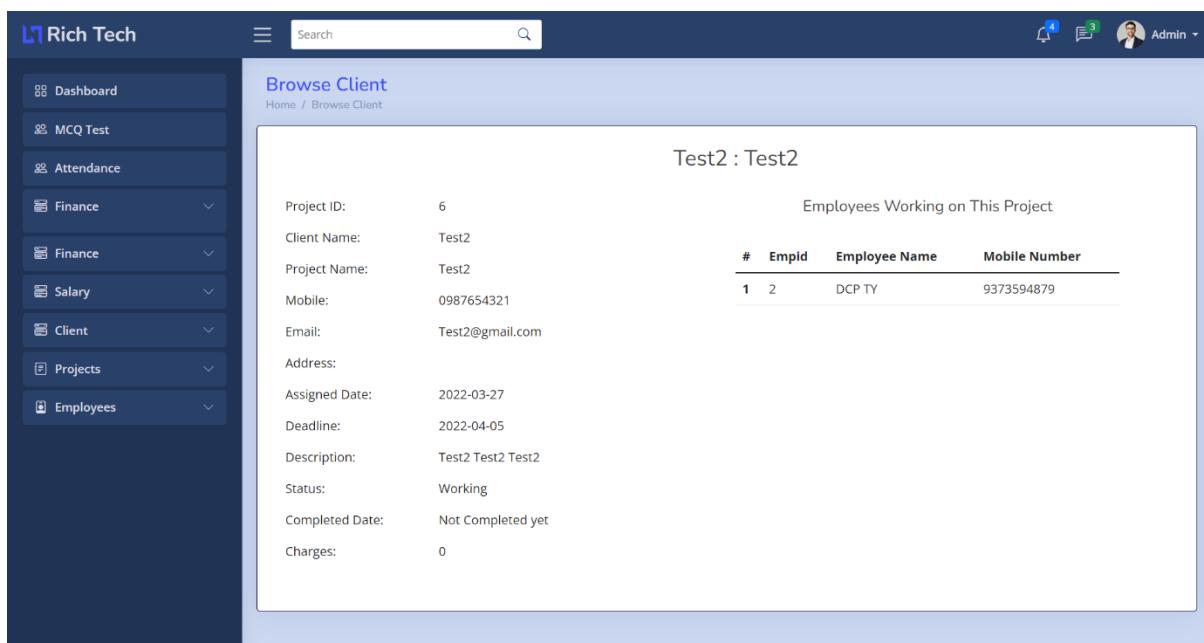


Fig 24: Browse Client by ID, Name, Email ID.

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 header includes a search bar and user profile information. The page title is 'Payment' with a subtitle 'Home / Payment from Client'. 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 header includes a search bar and user profile information. The page title is 'Assign Project Work' with a subtitle 'Home / Assign Work'. 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' 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 'Assign Project Work' and a sub-header 'Home / Assign Work'. A search bar is at the top right. Below it is a table titled 'Assign Project Work' with columns: Project ID, Client Name, Project Name, Due Date, and Status. The table contains four rows:

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, there is a section for a specific project: 'Test2 : Test2'. It lists client details (Client ID: 6, Client Name: Test2, Project Name: Test2, Mobile: 0987654321, Email: Test2@gmail.com, Address: [redacted], Assigned Date: 2022-03-27, Deadline: 2022-04-05, Description: Test2 Test2 Test2, Status: Working). To the right is a table titled 'Employees Status' with columns: #, Empid, Employee Name, and Status. It contains five rows:

#	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 at the bottom include 'Assign' (green), 'Add Employee' (blue), and 'Delete Last Employee' (blue).

Fig 27: Project Status

The screenshot shows the 'Submit Project' page. The sidebar and header are identical to Fig 27. The main content area has a header 'Submit Project' and a sub-header 'Home / Submit Project'. A search bar is at the top right. Below it is a table titled 'Submit Project Work' with columns: Project ID, Client Name, Project Name, Due Date, and Status. The table contains three rows:

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

To the right of the table is a section titled 'Projects we are Working on!' with the same table data.

Fig 28: Update Project Status

The screenshot shows the 'Submit Project' section of the Rich Tech application. On the left is a sidebar with navigation links: Dashboard, MCQ Test, Attendance, Finance, Salary, Client, Projects, and Employees. The 'Employees' link is currently selected.

The main area has a header 'Submit Project' with a 'Search' bar and a user profile for 'Admin'. Below the header, there are two sections: 'Submit Project Work' and 'Projects we are Working on!'. The 'Submit Project Work' section contains fields for 'Project ID' and a 'Next' button. The 'Projects we are Working on!' section lists three 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 these sections is a detailed view for 'Test2 : Test2'. It shows 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). It also shows 'Employees Working on This Project' with one entry:

#	Empid	Employee Name	Mobile Number
1	2	DCP TY	9373594879

There are also fields for 'Completed date' (format: yyyy-m-d) and 'Charges in Number', and a 'Submit' button at the bottom.

Fig 29: Check Employee Project Section

The screenshot shows the 'Add Employee' form. The sidebar on the left is identical to Fig 29, with the 'Employees' link selected.

The main area has a header 'Employee' with a 'Search' bar and a user profile for 'Admin'. The form is titled 'Add Employee Details' and contains the following fields:

- Employee ID (input field)
- Employee Role (input field)
- Join Date (input field) and Department (dropdown menu, currently 'HR')
- Username (input field)
- Password (input field) and Re-type Password (input field)
- Base Salary (INR) (input field)
- Bank Name (input field) and Bank Account number (input field)
- A 'Submit' button at the bottom right.

Fig 30: Add Employee Form

The screenshot shows the 'Employees' section of 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, a table displays employee details:

#	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 of 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, there are three input fields with 'Fetch' buttons:

- Fetch Employee Details by Employee ID: (Input field)
- Fetch Employee Details by Employee Name: (Input field)
- Fetch Employee Details by Employee Email ID: (Input field)

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 profile for 'sarvesh' with details like Employee Id: 194009, Email Id: sarvesh@gmail.com, Mobile No: 1234567890, DOB: 2003-01-01, Address: Moshi, Pune, Bio: Software Developer, and Status: Working. Below this are two tables: 'Projects Completed!' and 'Projects Working On!'. The 'Projects Completed!' table has one row: Project ID 1, Client Name HelpDesk, Project Name Desktop Configs, Submission Date 2023-01-01, and Charges 12000. The 'Projects Working On!' table has one row: Project ID 3, Client Name Google, Project Name Examination Software, and Due Date 2023-12-1.

Fig 33: Employee Status

The screenshot shows the 'Dashboard' page. The left sidebar is identical to Fig 33. The main dashboard features three cards: 'Sales | Today' (145, 12% increase), 'Revenue | This Month' (₹3,264, 8% increase), and 'Customer' (represented by a person icon). Below these is a line chart titled 'Reports /Today' showing data from 00:00 to 06:00. A notification bar on the right indicates 4 new recent activities, listing four employee additions with their names and roles. At the bottom right is a 'Budget Report | This Month' section.

Fig 34: Notification Bar

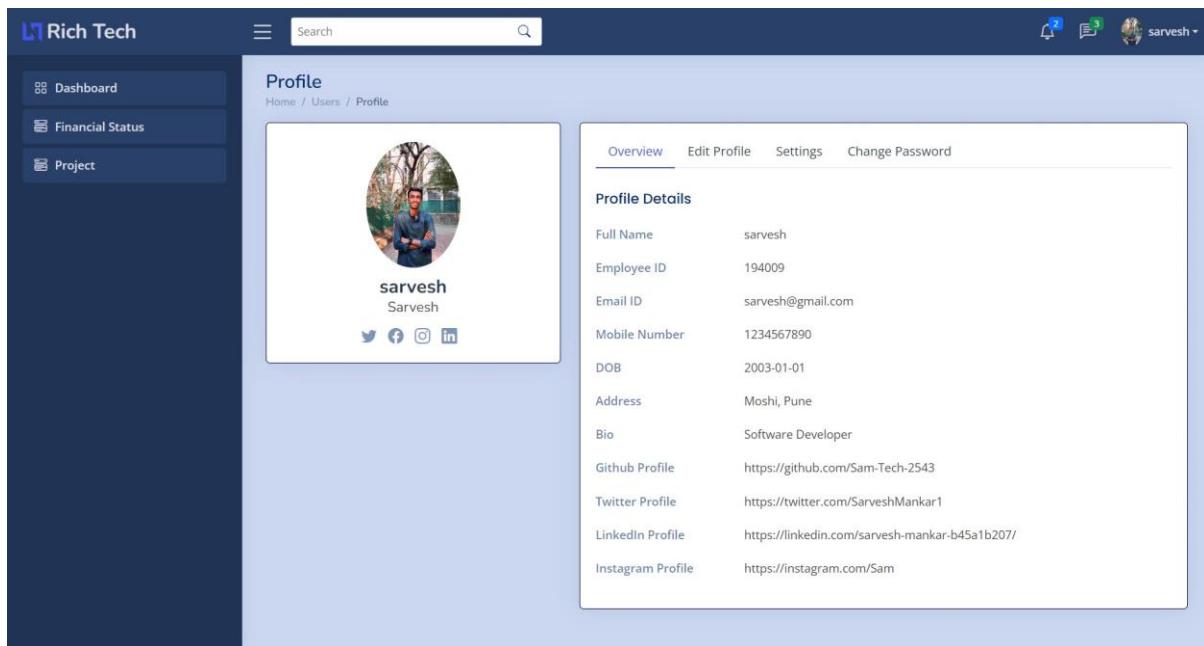


Fig 35: Employee Dashboard

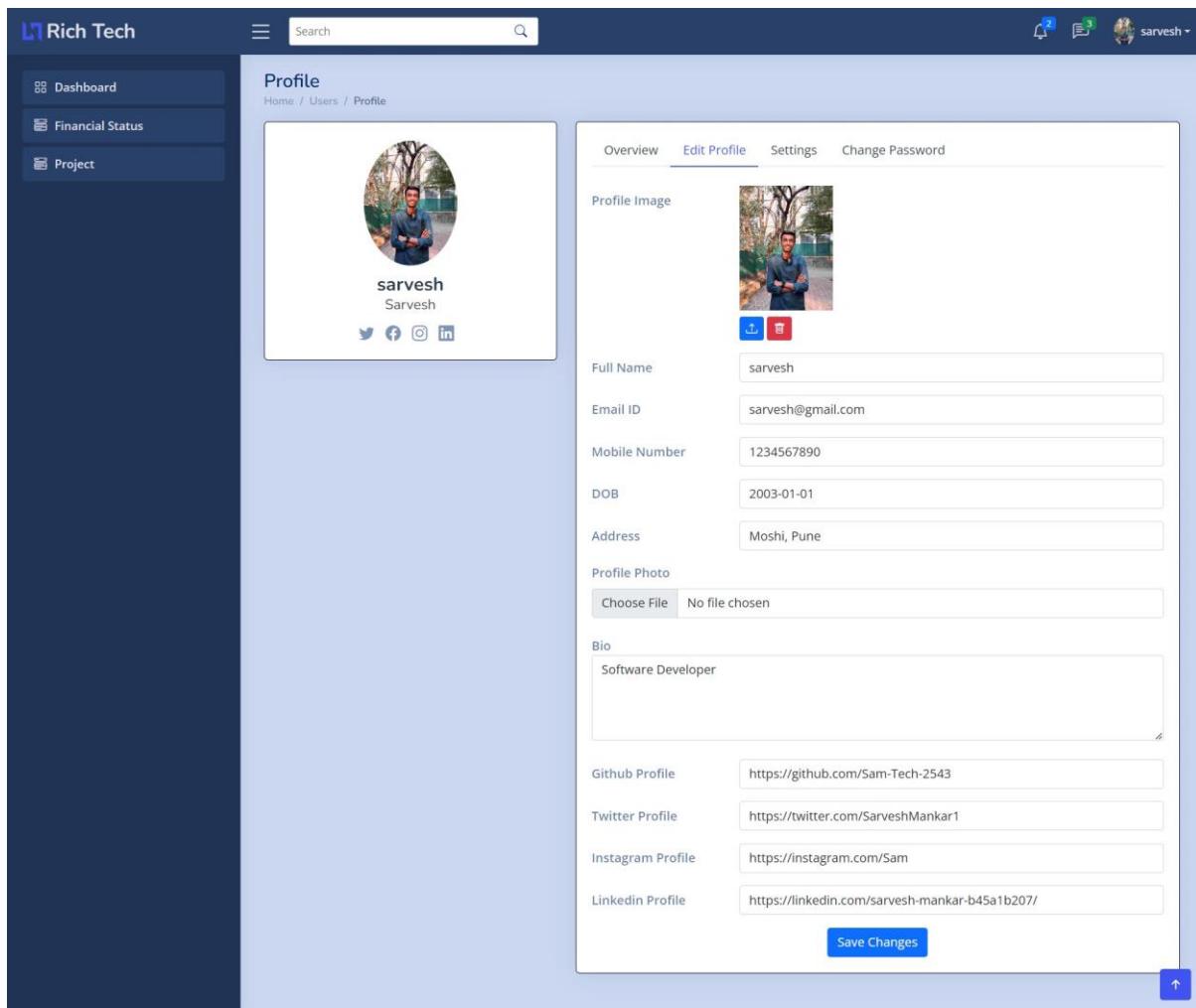


Fig 36: Edit Employee Data

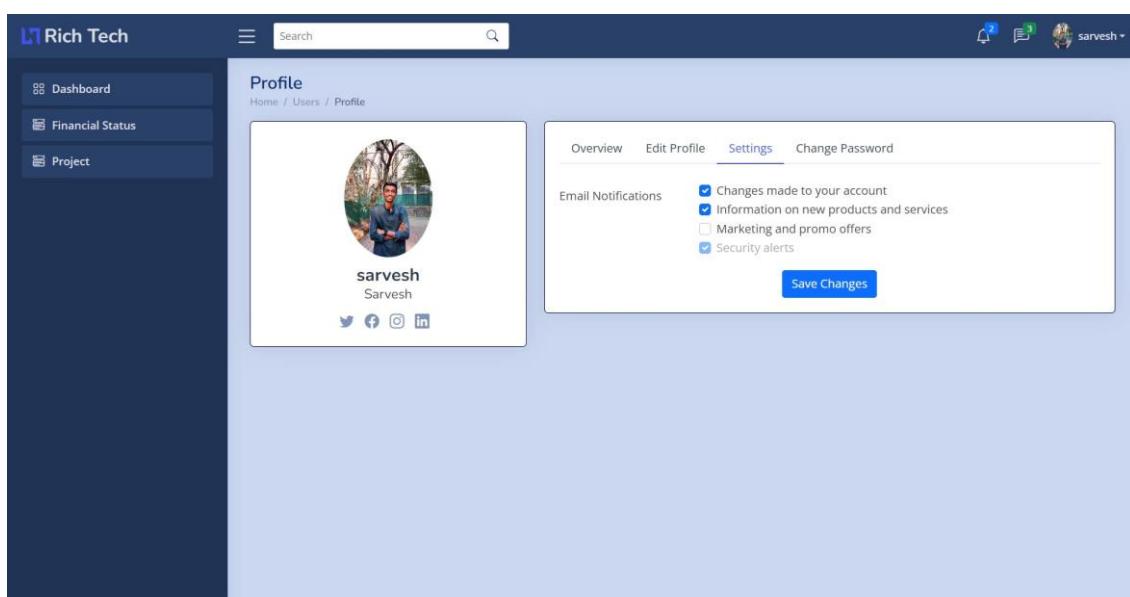


Fig 37: Settings Page

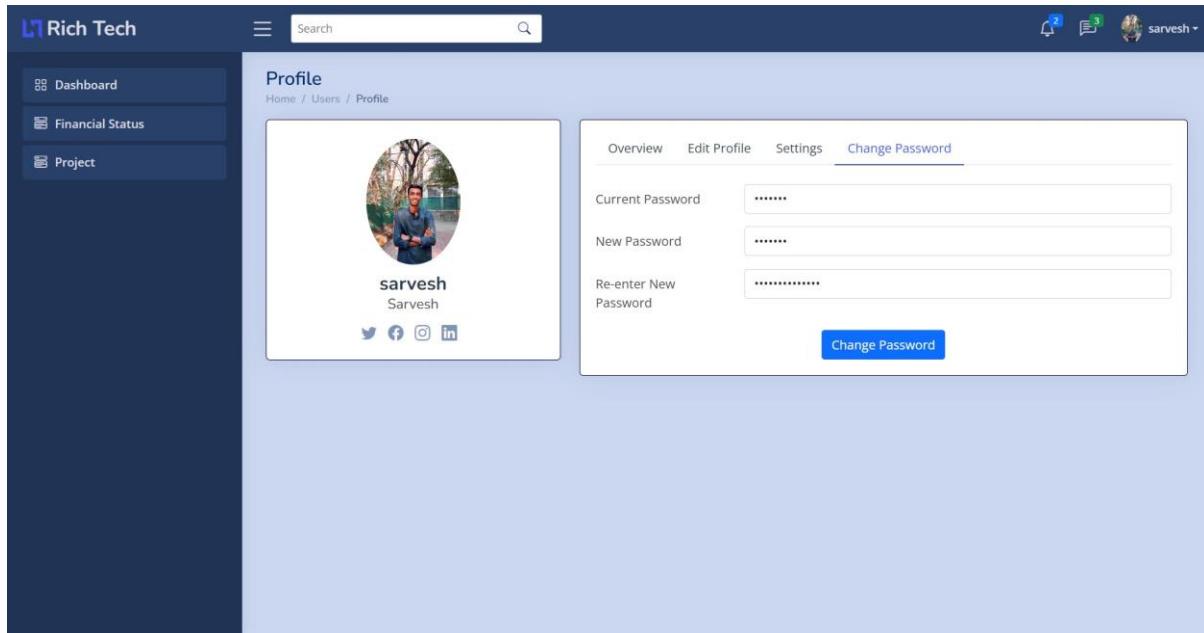


Fig 38: Change Password Form

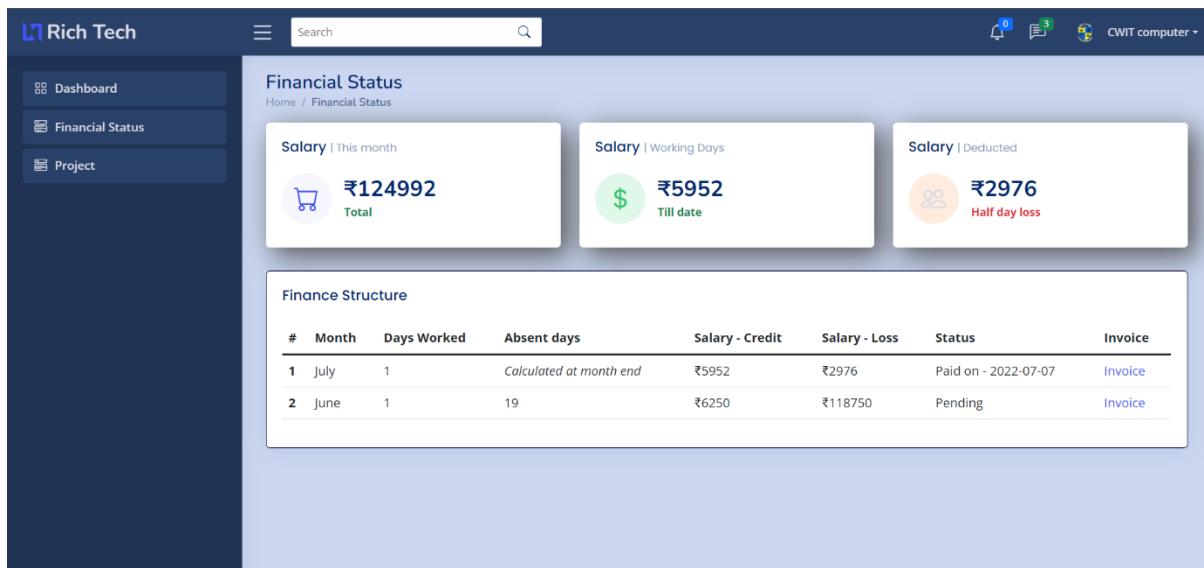


Fig 39: Finance Status – Employee

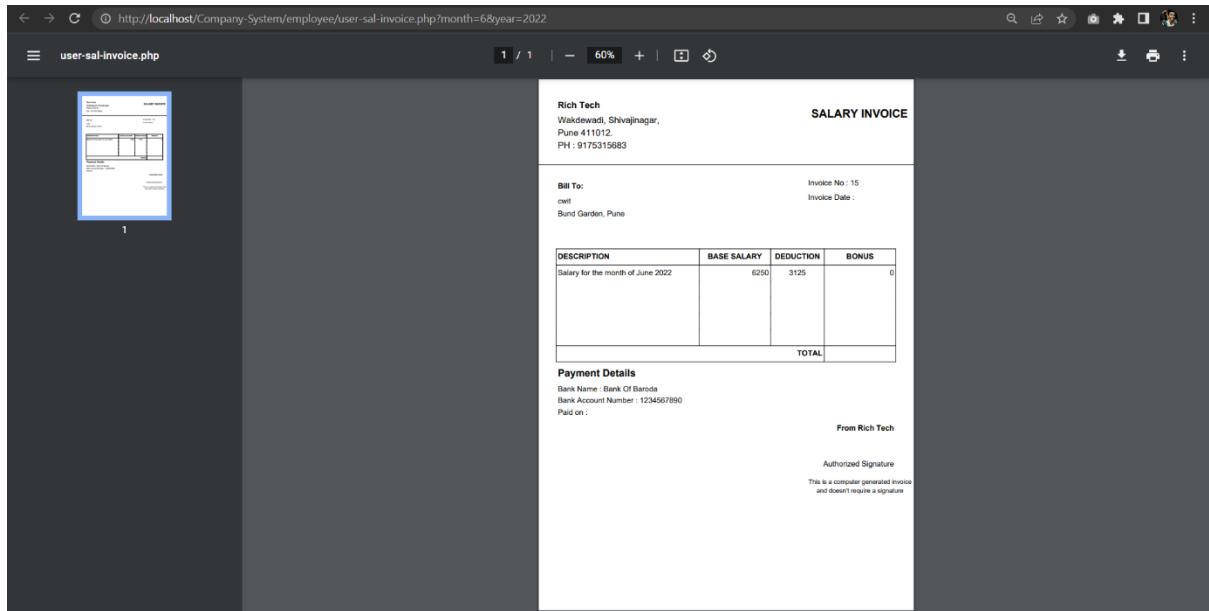


Fig 40: Employee Salary Receipt

#	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

#	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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