

PROJECT TITLE : EMPLOYEE WORKFLOW SYSTEM

(By SEMESTER – VI of III YEAR M.sc(2022-23)

Submitted By:

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Name Of Company : Black Kite Technologies Private Limited

Date Of Submission : 15/4/2023

Submitted To:

K.S.School.Of.Business.Management

M.Sc.-Computer Application and Information Technologies



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Evaluation Form

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Kindly rate the student by ticking in the appropriate boxes.

Parameters	Needs Improvement	Average	Good	Excellent
Knowledge a) Conceptual b) Practical Application			✓	
Communication Skills			✓	
Eagerness to Learn			✓	
Grasping Power				✓
Ability to work in a team				✓
Leadership Abilities				
Punctuality			✓	
Sincerity				✓
Overall Rating of the Project Report		✓		

Remarks (If any) :-

We thank you for giving our student the opportunity to gain meaningful experience and limited for sharing your feedback with us.

For, Black Kite Technologies Private Limited

Director

Signature of Project Guide & Date

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8 December 2022

"This is to certify that Miss. Zeel Shah has successfully completed Analysis and Design of the project on Employee Workflow System under me. This work is original Has not been submitted elsewhere."

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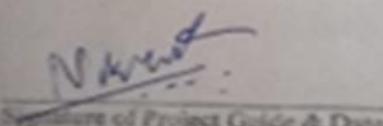
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b) Practical Application				
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Eagerness to Learn			<input checked="" type="checkbox"/>	
Grasping Power			<input checked="" type="checkbox"/>	
Ability to work in a team				<input checked="" type="checkbox"/>
Leadership Abilities				
Punctuality				<input checked="" type="checkbox"/>
Sincerity				<input checked="" type="checkbox"/>
Overall Rating of the Project Report		<input checked="" type="checkbox"/>		

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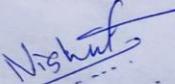
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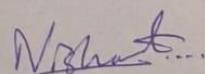
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Sincerity				✓
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15 April 2023

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Nishant...

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Eagerness to Learn			✓	
Grasping Power				✓
Ability to work in a team			✓	
Leadership Abilities			✓	
Punctually				✓
Sincerity				✓
Overall Rating of the Project Report			✓	

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Overall Rating of the Project Report			✓	

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Nishant

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Acknowledgement

It was a great experience working on the project of “Employee workflow system”. We express our gratitude towards those who were constantly involved with us during our project. We will always occupy a special place in our heart, throughout our career, for both personal and professional reason. The phenomenon remains same that no project ever can be executed proficiently and efficiently without sharing the meticulous ideas, technical expertise and innovative thoughts put forwarded by technical and no-technical veterans. Whenever a technical project is developed, eventually it requires conductive technical environment and technical guidance to get involved in the assigned project enthusiastically. We also grateful to “The Black kite ” for being extremely friendly and co-operative during entire course of our project. Their continuous help and support made the project much easy. There is no exact word to express our regards and legitimate gratitude to one of our esteemed techno personalities, without him this project could not get an entrance towards the execution. Our project mentor is who availed this magnificent to us to move ahead. he is always inspired and guided us for the right track to be followed for all the system analysis section of this project. The satisfaction that accompanies the completion of a successful project work not be completed without mention of those who made it possible because success is the epitome of hard work, determination, concentration and most of all encouragement. Thus, to express our gratitude, we heartily thank our benefactors. We also express our sincere thankful to all our friends and benefactors who helped us throughout the course of this project. Above all we would like to thank god ambiguity for all his blessings to complete this project successfully.

Zeel shah (3155)

Aanchal shrimali (3157)

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CHAPTER 1 : INTRODUCTION

In today's world project manager has load of responsibilities with him for a manage projects and tasks while taking this in consideration we are developing a system in which we are providing a facilities of direct managing of tasks. our system Employee workflow system is deals with the company can manage tasks among its all of the employees as our main motivate for developing this system is to make the process of workflow and task management easier , effective and efficient in every organization.The Employee workflow system is an automated support tool to be used by administrative staff of various departments.Currently all work tasks requests from employee are handled manually over the telephone and database is also maintained manually . Which makes the process of workflow and managing tasks more difficult ,complicated and complex to slove this problem of complexity we are developing a system which automates the process by streamlining the handling of the work task requests there by reducing the manual intervention.Employee workflow system is a database which keeps the records of all the details of employees in an organization.such as ,

- How many projects are there in the organization
- How many projects are pending or How many projects are completed
- How many tasks are there in any project

How many project members are there and who is the project manager
Which makes the process of maintaing database and workflow more easier and efficient in the organization

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1.1 : ORGANIZATION PROFILE

Company Name : Black kite technologies Pvt Ltd

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1.2 : SYSTEM DETAILS

1.2.1 : EXISTING SYSTEMS :-

- The existing system is manual. The project leader or guide manually gives the employees mission.
- Employees complete the work done by the coordinator or guide and apply manually, all work is manually done in this method, allowing more time to work in connection with the project.
- Whenever employee want to manage all the modules in admin site then there no facility for that.
- The day-to-day entries are made Online into the book that has gotten All the relevant entries.
- In another problem in Existing System is that admin side. There are many admin are work. So the admin wants to give the specific permission to the control panel
- In the current framework, users cannot get the right details at the right time, and users cannot easily handle project progress to achieve their principal objective.

Disadvantages:

- Modify staff information is a broad process which can lead to confusion and mistakes.
- Incompatibility and inaccuracy in data maintenance
- The final process takes a great deal of time.
- The right information at the right time is not recovered.
- The rest of the team cannot see any changes to the data by team members or the Project Leader or Guide immediately.

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1.2.2 :- PROPOSED SYSTEM

- Our proposed System is Employee workflow system (EWS) which is an automated support tool to be used by Administrative staff to reducing manual intervention.
- EWS will work to manage it's task's & project's entries and timing of the employees by online.
- There are several employees data and information are available at the one place in EWS.
- EWS manage the process of workflow and maintain database.
- EWS manage the tasks of an organization such as :-
 - project Member's login
 - Adding project member
 - Assigning tasks /project
 - Task /project list
 - Admin functionality
 - check progress and so on.
- The project manager also provide details related to tasks projects and deadline of the submission to employee easily.
- Instead of manually circulate the notice among the employees using EWS we can directly show the announcement and important notice for any or every employees.
- Instead of manually assignment of tasks to every employees using EWS you can assignment the tasks and project online easily.
- Employees can also submit the task through online option
- Employees can raise any queries immediately and project manager can immediately give suggestions & advice using EWS.
- Any of the team member can view the progress of the project easily and also can view the status of task through EWS.
- Employee can upload there document which are required for the task online through EWS

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Benefits :-

- Increase efficiency in the organization
- Decrease the complexity in the process of workflow in organization
- interactions among the employees is going to be more effective, immediate and clear through EWS
- The process of Assignment and submission of the projects & take will be easy through EWS
- decrease the overhead of the project manager by providing such facilities online
- Every team member can view the progress and status of the projects & tasks online through EWS
- The process of Maintaining the database will be less complex and more accurate through EWS

1.3 : SCOPE OF A SYSTEM

- It may help collecting perfect management in details.
- In a very short time, the collection will be obvious, simple and sensible.
- It will help a person to know the management of passed year perfectly and vividly.
- It also helps in current all works relative to Project Management System.
- It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.
- Our project aims at Business process automation, i.e. we have tried to computerize various processes of Project Management System.
- In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes be easy to understand by the user and operator
- Be easy to operate

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1.4 OBJECTIVES

- The main objective of the Employee workflow system is to manage the details of Employee, Assignment Project, Task, Timesheet, Leave.
- It manages all the information about Employee, Bugs, Leave, Employee.
- The project is totally built at administrative end and thus only the administrator is guaranteed the access.
- The purpose of the project is to build an application program to reduce the manual work for managing the Employee, Assignment Project, Bugs, Task. It tracks all the details about the Task Timesheet, Leave.

CHAPTER – 2

PROPOSED SYSTEM REQUIREMENT

GATHERING

2.1 STACK-HOLDERS OF SYSTEM: -

The end users of the system

- 1)Administrator
- 2)Employees

1) Administration :

- This for provide all the rights to manage the system.
- Admin can manage user.
- Admin can create project,edit project add/remove employee to a project and close a project .
- Admin can create task & edit task.
- Admin can create employees and edit employees

2) Employees:

- After employees login, this module provide main functionality of our website.
- This module provided functionality of
Do current task and project ,view pending task and project and also view completed task and project.

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2.2 REQUIREMENT GATHERING TECHNIQUE USED: -

There are many different techniques are available for gathering the requirements. Techniques are depending on the system. The suitable technique is necessary to gathering the correct requirements from the client. It is also important for businessman to analyst the details.

There are several ways,

- 1) Interview
- 2) Questionnaires
- 3) Observation

1) INTERVIEW

Interviews of stakeholders and users are critical to creating the great software. Without understanding the goals and expectations of the users and stakeholders, we are very unlikely to satisfy them. We also have to recognize the perspective of each interviewee, so that, we can properly weigh and address their inputs. Listening is the skill that helps a great analyst to get more value from an interview than an average analyst.

2) OBSERVATION

By observing users, an analyst can identify a process flow, steps, pain points and opportunities for improvement.

➤ **There are certain advantages to using the observation technique:**

- The data gathered during observation sessions are quite reliable; it is often used to confirm the data extracted using other techniques

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- Observation can be used to extract information on the physical environment where the task is performed. For example, the analyst can get information on level of noise, physical layout, traffic and so on
- It is relatively inexpensive
- It allows the analyst to perform work measurements.

2) QUESTIONNAIRES

Here, we are gathering the requirements by using Questionnaires techniques in our system. One of the challenges with interviews is that you will only get the information that the person is consciously aware of. Sometimes there are latent requirements and features that are better obtained through questionnaires. By using carefully chosen, probing questions (based on the information captured in prior interviews), you can drill-down on specific areas that the stakeholders don't know are important, but can be critical to the eventual design of the system.

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QUESTIONS:

Q1. Describe your target audience

Q2 . what goals do you want to achieve through this system?

Q3 . what makes you different from other competitors ?

Q4 . What is the best task management software ?

Q5 . How do you manage your tasks at work?

Q6 . what type of functionality do you want in your control

Q7 . how can we reduce tedious process of workflow in our organization ?

Q8 . In organization there are so many tasks to be done on daily basis so which types of process do you prefer to manage workflow ?

Q9 . What is the most important Information your project manager should provide to the employees ?

Q10 . Will you able to handle the entire procedure of providing services online instead of the traditional method?

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ADMIN :-

Q1 . Do you have basic knowledge of online task management system?

Q2 . do you understand your
as admin ?

Q3 . will you able to fixing minor issues related to the website by yourself?

Q4 . have you ever managed some system like this before ?

Q5 . will I be able to make changes and updates on my own, and to what extent?

Q6 . will you generate the report periodically??

Q7 . will you provide training to employees for the system working?

Q8 . will you communicate the new updates of the system to the clients via Email ?

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EMPLOYEE :-

Q1 :- will you prefer your task related work to be assigned online ?

Q2 :- How do you find our idea of getting all the tasks & projects on the single webpage ??

Q3 :- Do you prefer online mode of task submission

Q4 :- what features or kind of look you would prefer in our system?

Q5 :- which difficulties do you feel in current employee workflow system?

Q6 :- what do you know about online workflow system?

Q7 :- system should be attractive or user friendly or both?

Q8 :- would you recommend our system to others if you like it ?

Q9 :-which features do you appreciate in our system ?

Q10 :- there any specific thing which you will try to find in the employee workflow system?

Que 11 :- employees can creates or modify the task?? Que 12 :- Are employee can add the due date for the task ??

Que 13 :- Are employees can add the attachment for the task ??

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2.3 CONSOLIDATED LIST OF REQUIREMENTS: -

In today's world a project manager has a load of responsibilities with him for a manage projects and task while taking it in a consideration we are developing a system in which we are providing a facilities of direct managing of tasks.

- The manager also provide employee to detail of task and project and also deadline time of submission
- In this busy world, people don't have a time to read the notice board of the office daily which has important notice in it, so in our system we directly show the announcement and important notice on the home page of the web application.
- Employee can get the services they are in need of.
- Employees can submit the task through online option.
- Employees can upload there documents related to the task which are required.
- Employee can also view there task status
- Workflow System can view the details of the Employees.

2.4 Project Definition: -

An Employee workflow system is an intelligent version of a to-do list that can help manage tasks and assignments. Team members can use task trackers individually or together as a team. These tools allow team members to list their essential projects, prioritize them, and mark them as done when the tasks are complete. Some examples of popular task trackers you've likely heard of are Asana, Monday.com, and Trello. These examples are excellent standalone trackers and are popular tools for a reason. However, task tracking is much more powerful and advantageous when part Employee workflow system.

CHAPTER – 3

SYSTEM MANAGEMENT AND PLANNING

3.1 FEASIBILITY STUDY: -

After doing the project employee workflow system , study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time. Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

1. TECHNICAL: -

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms.

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2. ECONOMICAL: -

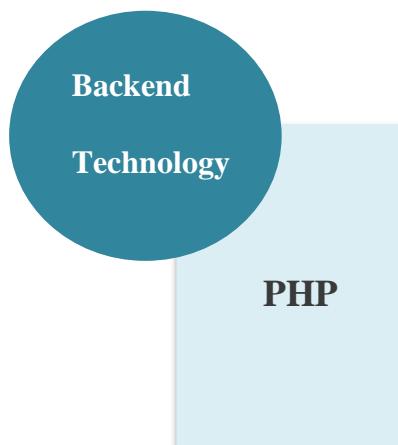
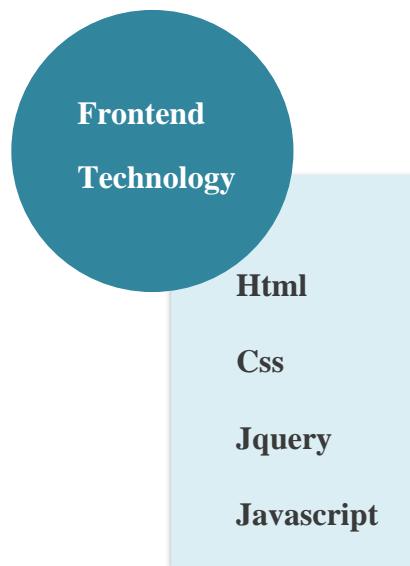
- Economical Feasibility This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.
- All hardware and software cost has to be borne by the organization.
- Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

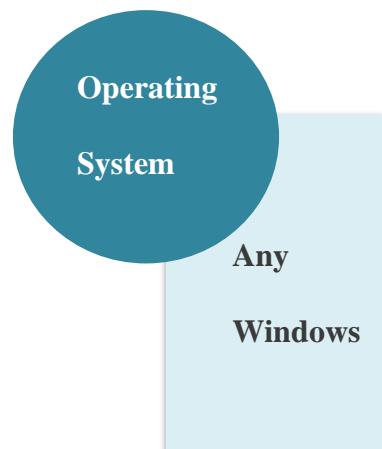
3. OPERATIONAL: -

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

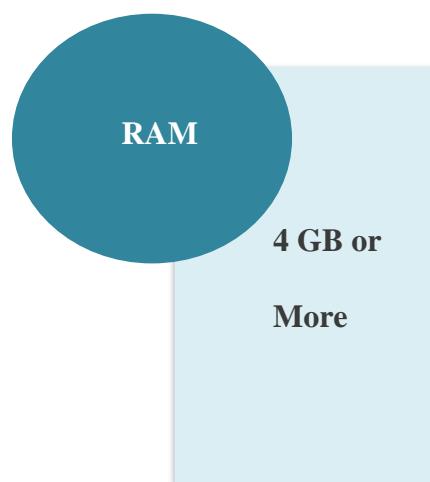
3.2 HARDWARE – SOFTWARE REQUIREMENT: -

- SOFTWARE SPECIFICATION:**

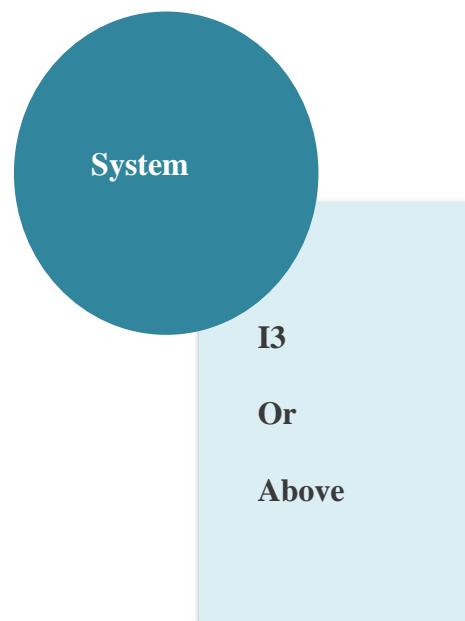
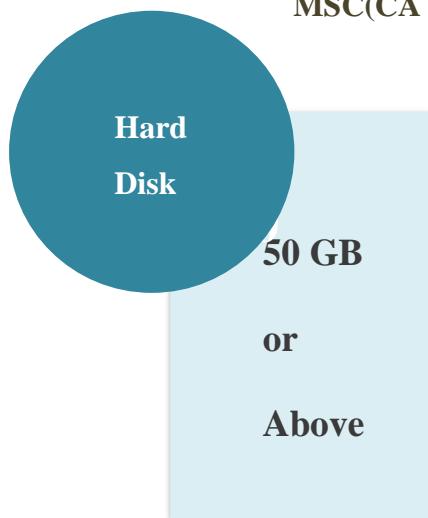




- **HARDWARE SPECIFICATION:**

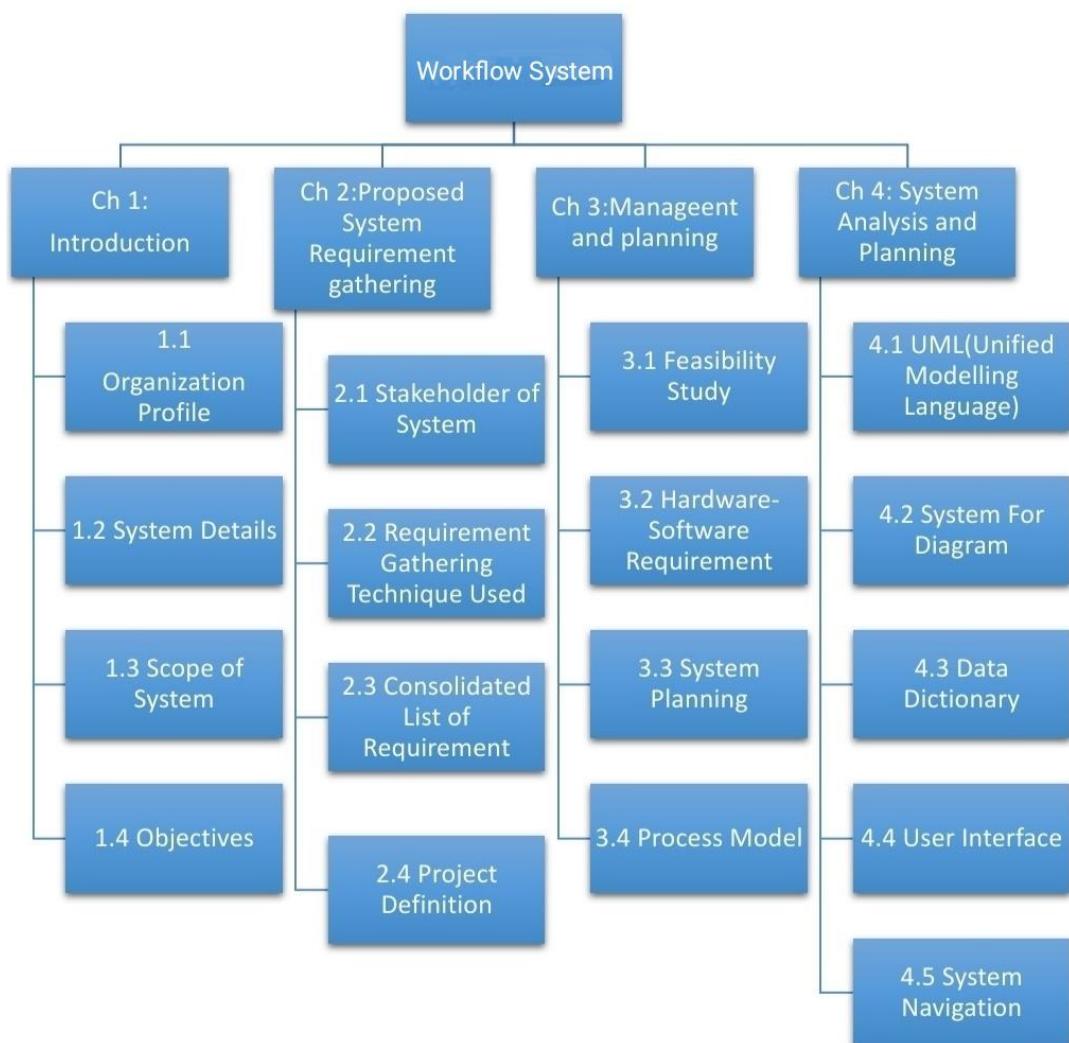


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3.3 SYSTEM PLANNING

3.3.1 WORK BREAKDOWN STRUCTURE



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3.3.2 GANTT CHART: -

A Gantt chart is a type of bar chart that illustrates a project schedule. This chart lists the tasks to be performed on the vertical axis, and time intervals on the horizontal axis. The width of the horizontal bars in the graph shows the duration of each activity. Gantt charts illustrate the start and finish dates of the terminal elements and summary elements of a project.

Activity	July	August	September	October	November	December
Project Scope						
Research						
Requirement Gathering						
Analysis						
Designing						
Coding						

3.4 PROCESSING MODEL: -

As new requirements can arise in future incremental models are used. With the help of it we can fulfil maximum user requirements. In every increment the needs of the client are kept in mind and more features and functions are added. These increments form a base for customer evaluation. Many features can be added after the development of the system that serves the main purpose. If there are a smaller number of employees to work on the project Incremental development model is very useful to complete the project before the deadline.

1) WATERFALL MODEL: -

- Each phase is carried out completely (for all requirements) before proceeding to the next.
- The process is strictly sequential - no backing up or repeating phases.

ADVANTAGES:

- Simple, easy to understand and follow.
- Highly structured, therefore good for beginners.
- After specification is complete, low customer involvement required.

DISADVANTAGES:

- Inflexible - can't adapt to changes in requirements.

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2) PROTOTYPING MODEL

A variation of the waterfall that adds a new phase, prototyping. There are several kinds of prototypes but they all intend to reduce risk by building a quick and dirty replica or mock-up of the intended system. It can be used to demonstrate technical feasibility when the technical risk is high. It can also be used to better understand and elicit user requirements. In either case, the goal is to reduce risk and limit costs by increasing understanding of proposed solutions before committing more resources

3) SPIRAL MODEL

An iterative approach where multiple passes are made through each phase. During each iteration the system is explored at greater depth and more detail is added. Appropriate for exploratory projects that are working in an unfamiliar domain or with unproven technical approaches. The iterative natures allow for knowledge gained during early passes to inform subsequent passes. Requires low up-front commitment.

ADVANTAGE:

- Manages uncertainty inherent in exploratory projects.

DISADVANTAGE:

- Difficult to establish stable documents; things keep getting modified during each iteration.

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4) AGILE MODEL

An iterative approach. During each iteration a single feature or small set of features are chosen and implemented completely.

ADVANTAGES:

- Can adapt to changing requirements because you haven't committed to big design that encompasses everything.
- Easy to change direction to adapt to dynamic market conditions.

DISADVANTAGES:

- Used as an excuse for hacking - proceeding without a plan.
- Substantial refactoring or redesign may be needed between iterations.
- Not suitable for large projects or large teams.
- Requires huge customer involvement, which is unusual to find.

5) EVOLUTIONARY MODEL ("STAGED DELIVERY")

- Recommended by McConnell.
- All analysis and design are done up front.
- Each stage releases some fully functional subset of desired features.
- Emphasis is on high quality releases.
- Can incorporate prototyping.

ADVANTAGES:

- Partial functionality available early.
- Some flexibility in responding to changing market conditions or customer needs.
- A complete and stable design is produced.
- A compromise between waterfall and agile.

DISADVANTAGES:

- Can't easily adapt to entirely new requirements.

(We Use This Model in Our System)

6) INCREMENTAL MODEL:

- This model is more flexible – less costly to change scope and requirements.
- It is easier to test and debug during a smaller iteration.
- In this model customer can respond to each built.
- Lowers initial delivery cost.
- This process model helps to manage technical risks.
- Initial product delivery is faster.

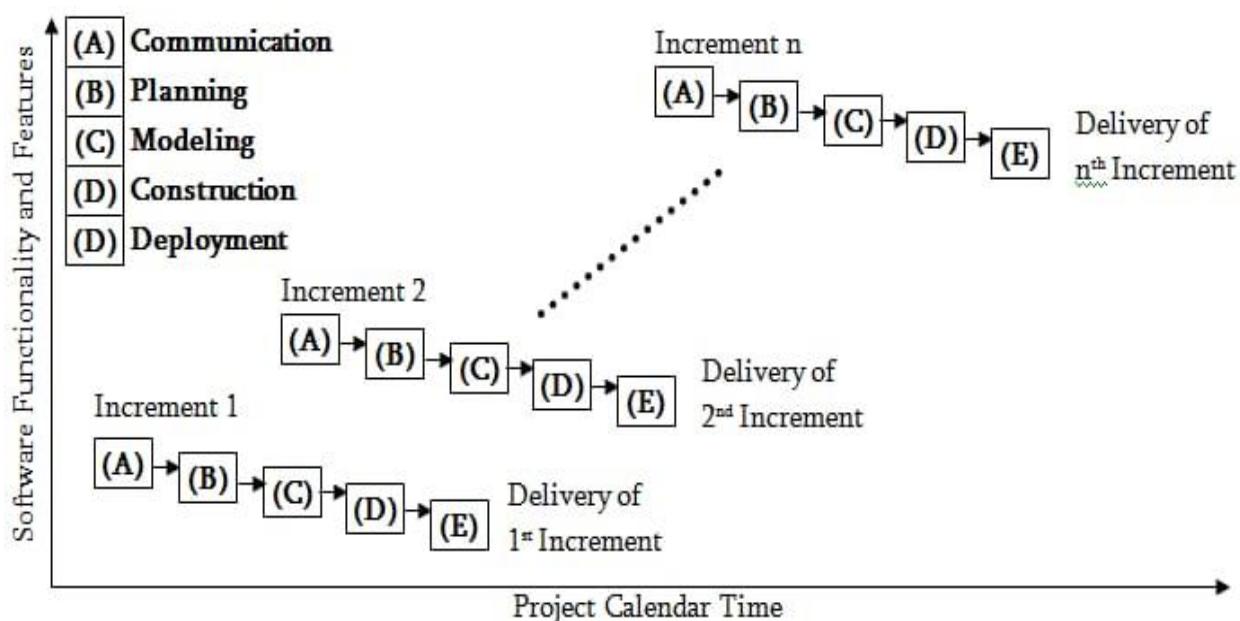
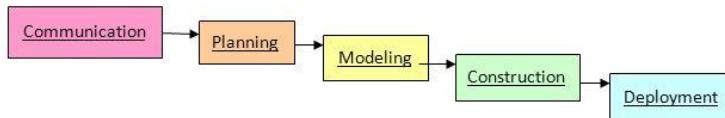


Figure : Flowchart of Incremental Model

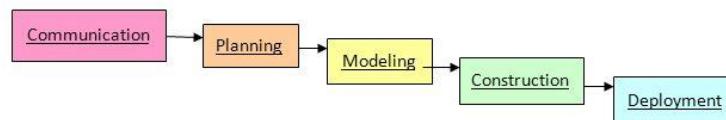
- Each iteration passes through the requirements, design, coding and testing phases. And each subsequent release of the system adds

Incremental Model (Diagram)

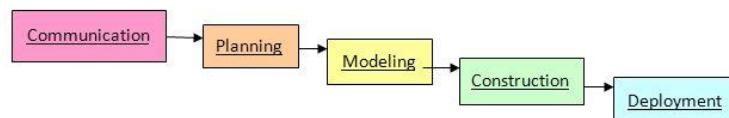
Increment #1



Increment #2



Increment #3



9

function to the previous release until all designed functionality has been implemented

- These tasks are common to all the models: -
 1. Communication: helps to understand the objective.
 2. Planning: required as many people (software teams) work on the same project but different function at same time.
 3. Modelling: involves business modelling, data modelling, and process modelling.
 4. Construction: this involves the reuse software components and automatic code.
 5. Deployment: integration of all the increments.

CHAPTER – 4

SYSTEM ANALYSIS AND DESIGN

4.1 UML (UNIFIED MODELING LANGUAGE): -

1. USE CASE: -

➤ ADMIN USE CASE:-



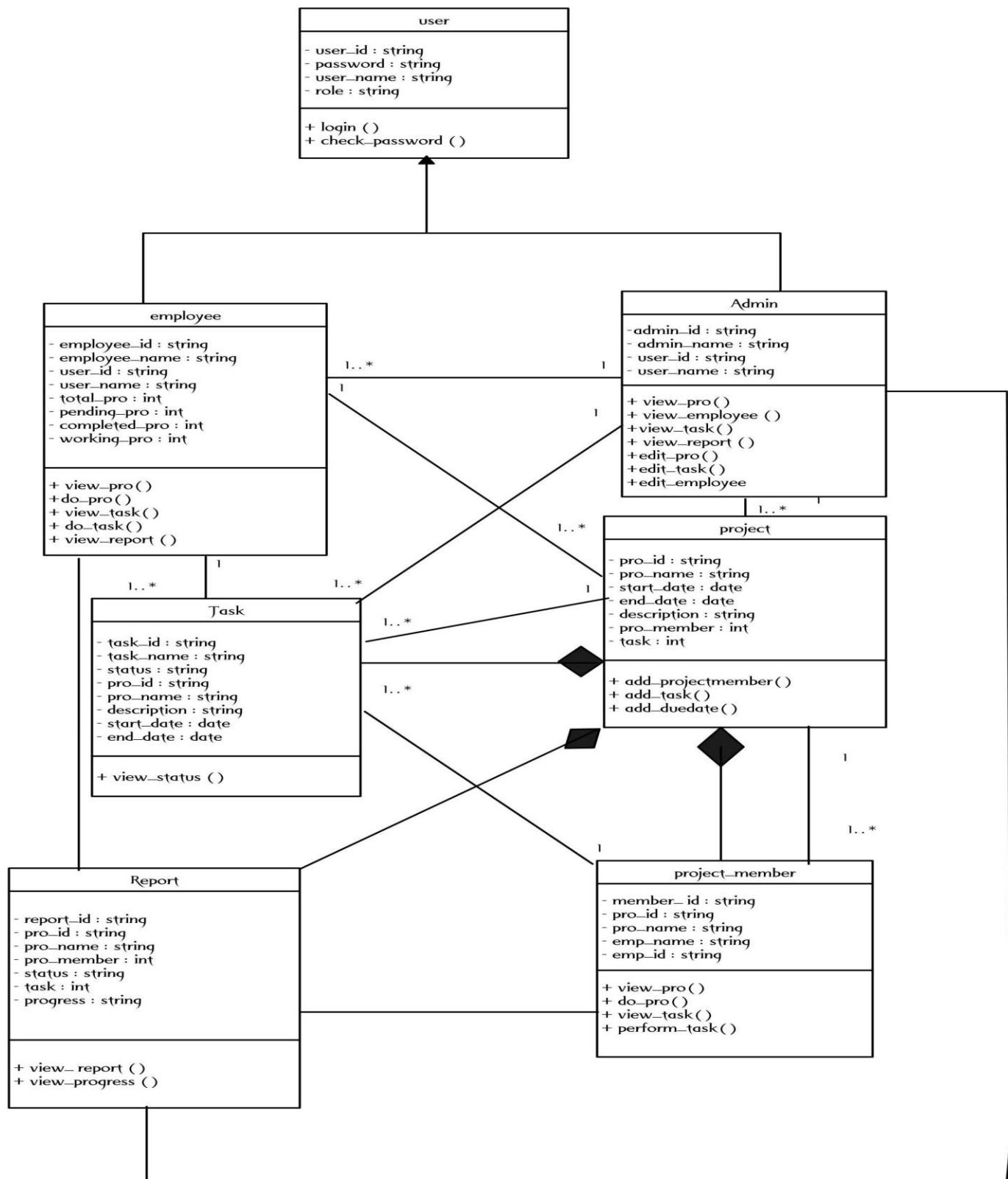
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➤ **EMPLOYEE USE CASE :-**



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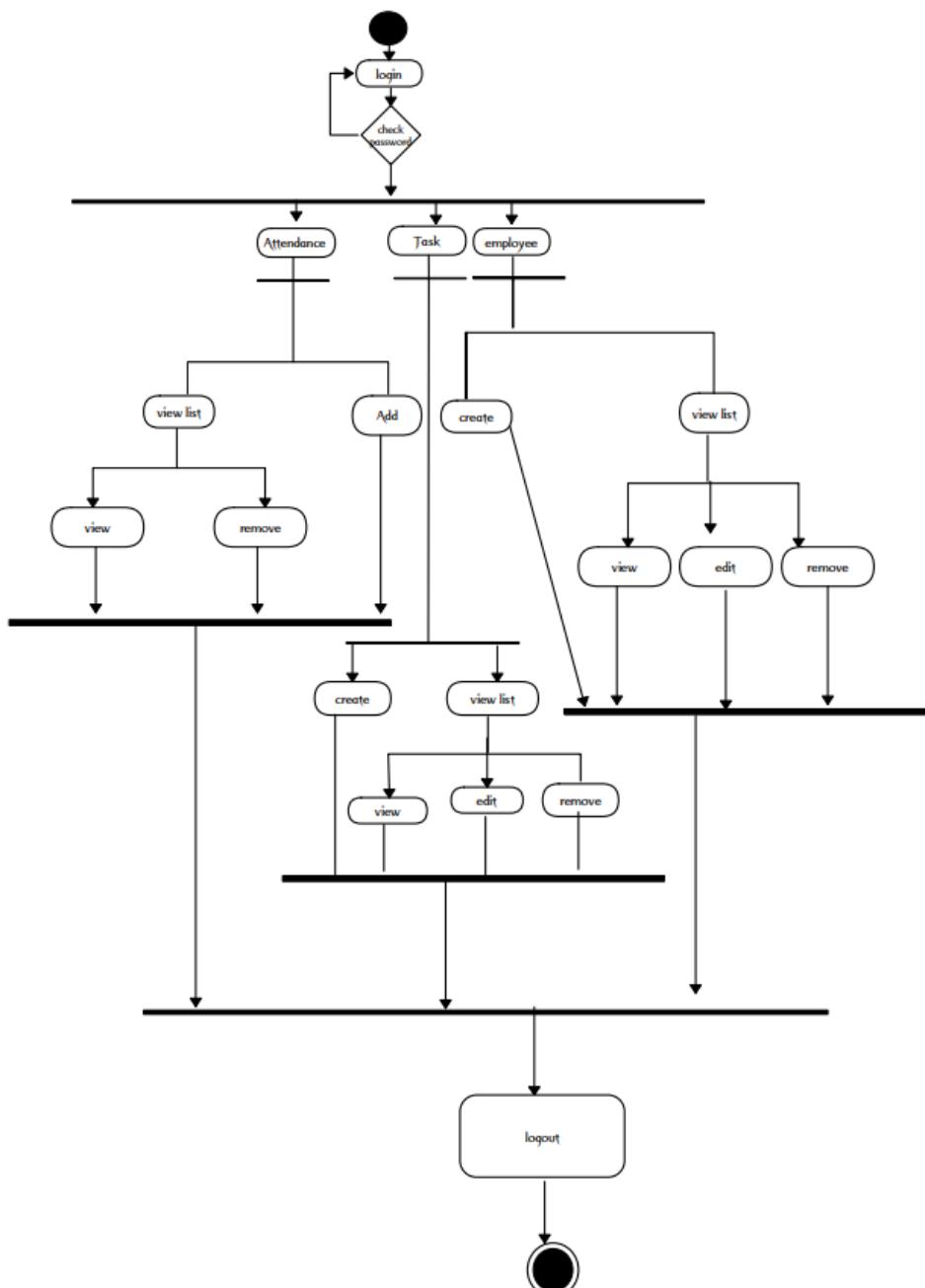
2. CLASS DIAGRAM:-



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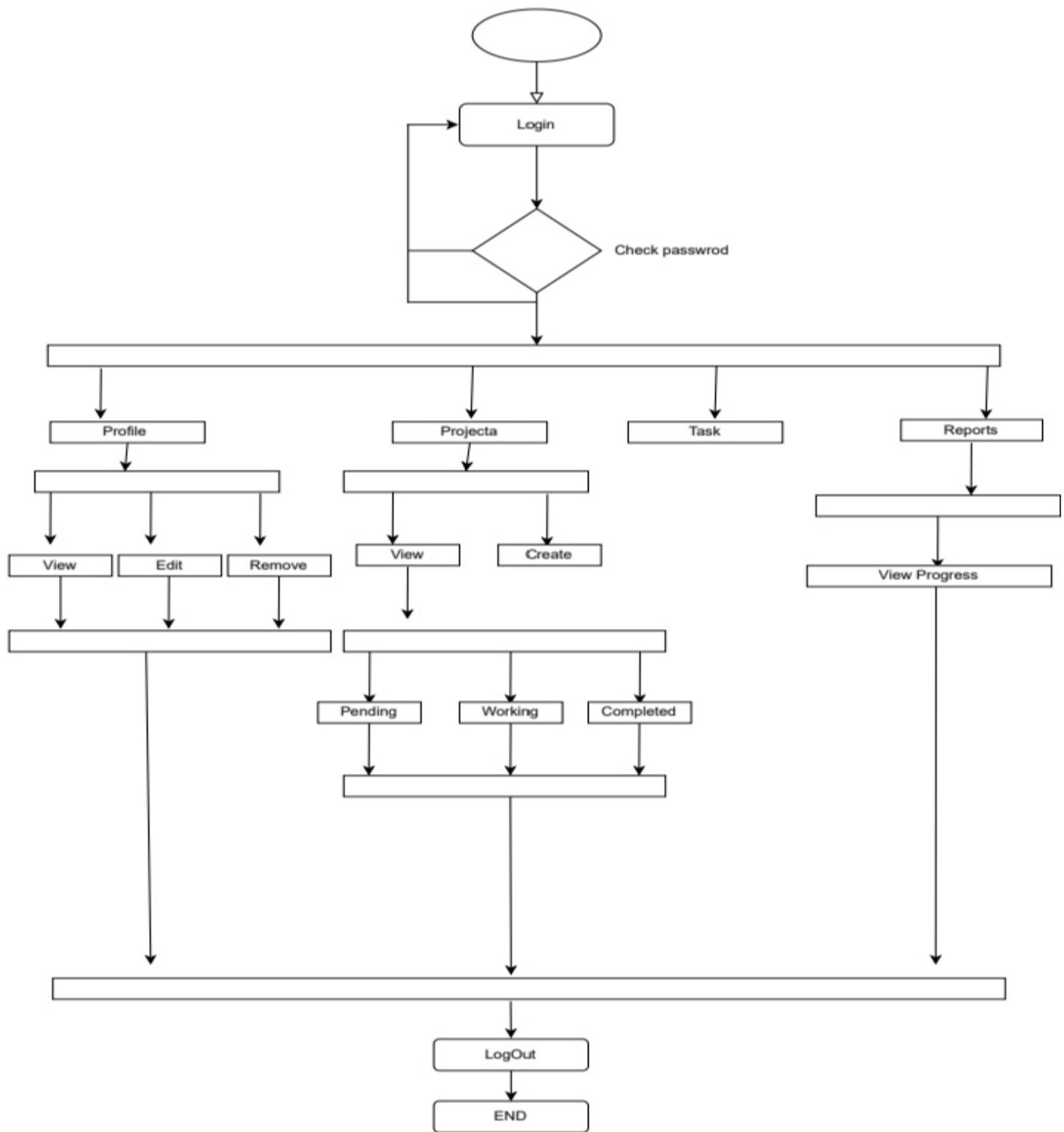
3.ACTIVITY DIAGRAM:-

➤ ADMIN ACTIVITY:-



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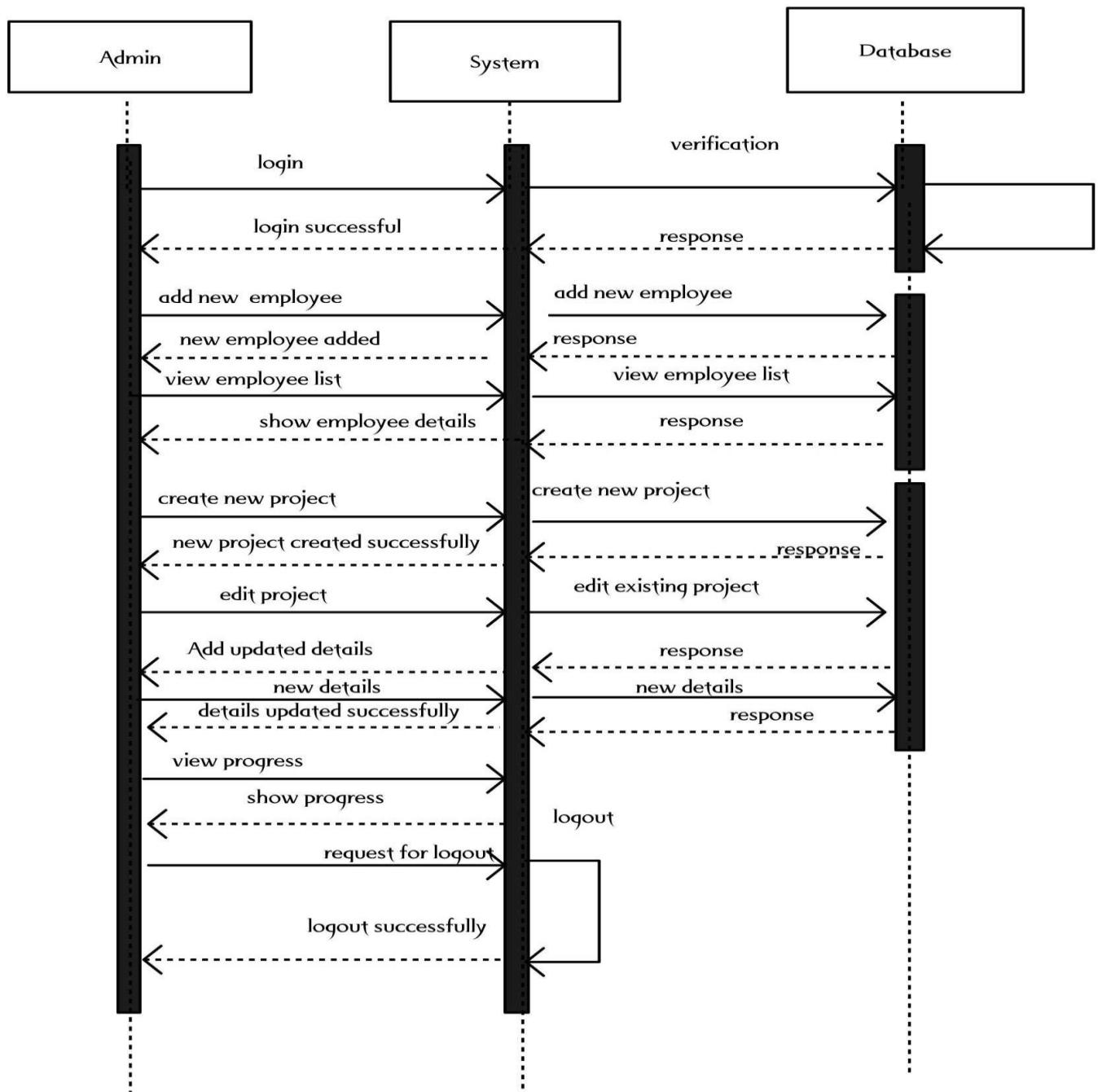
➤ EMPLOYEE ACTIVITY:-



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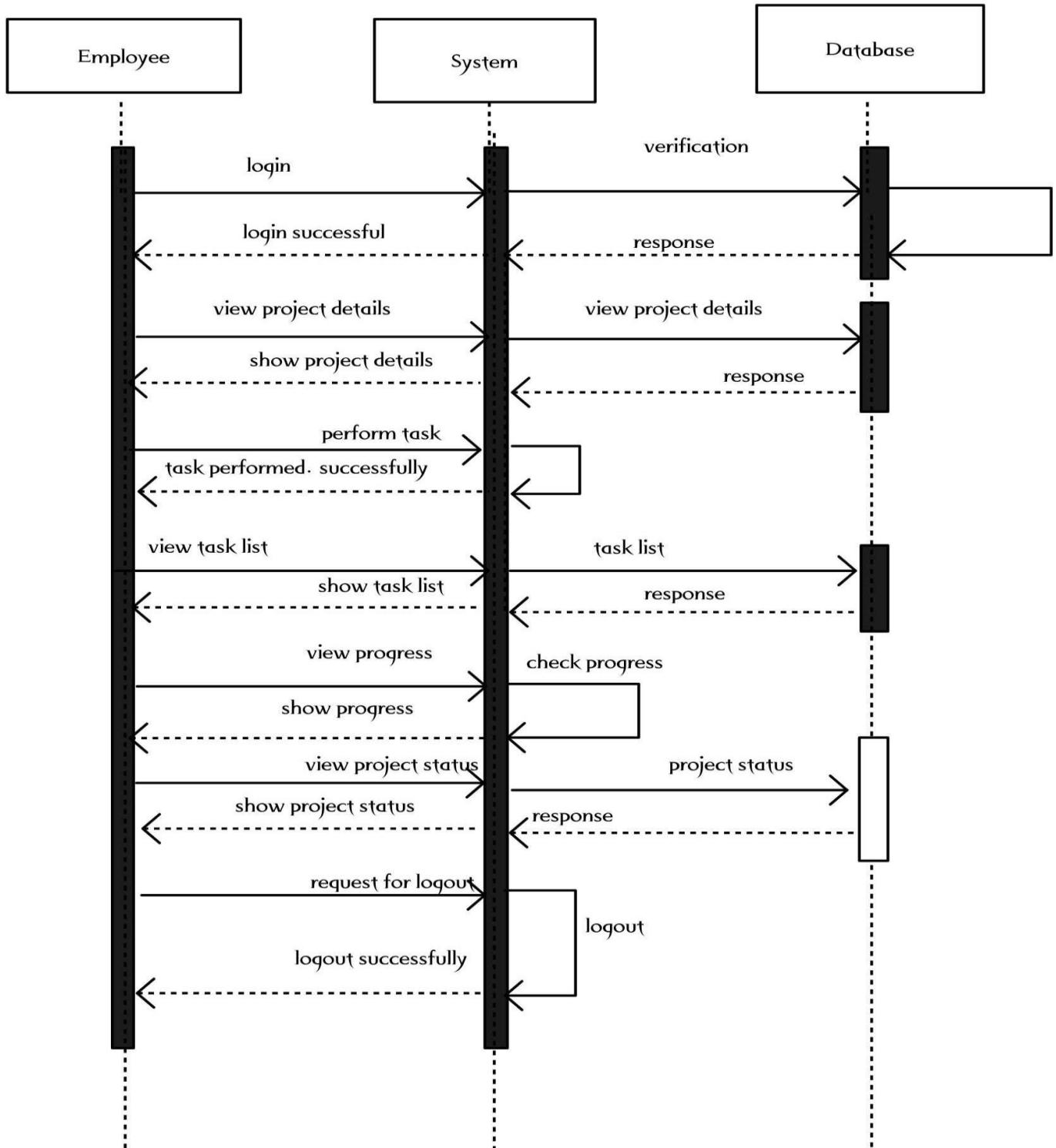
3.SEQUENCE DIAGRAM:-

ADMIN SEQUENCE:-



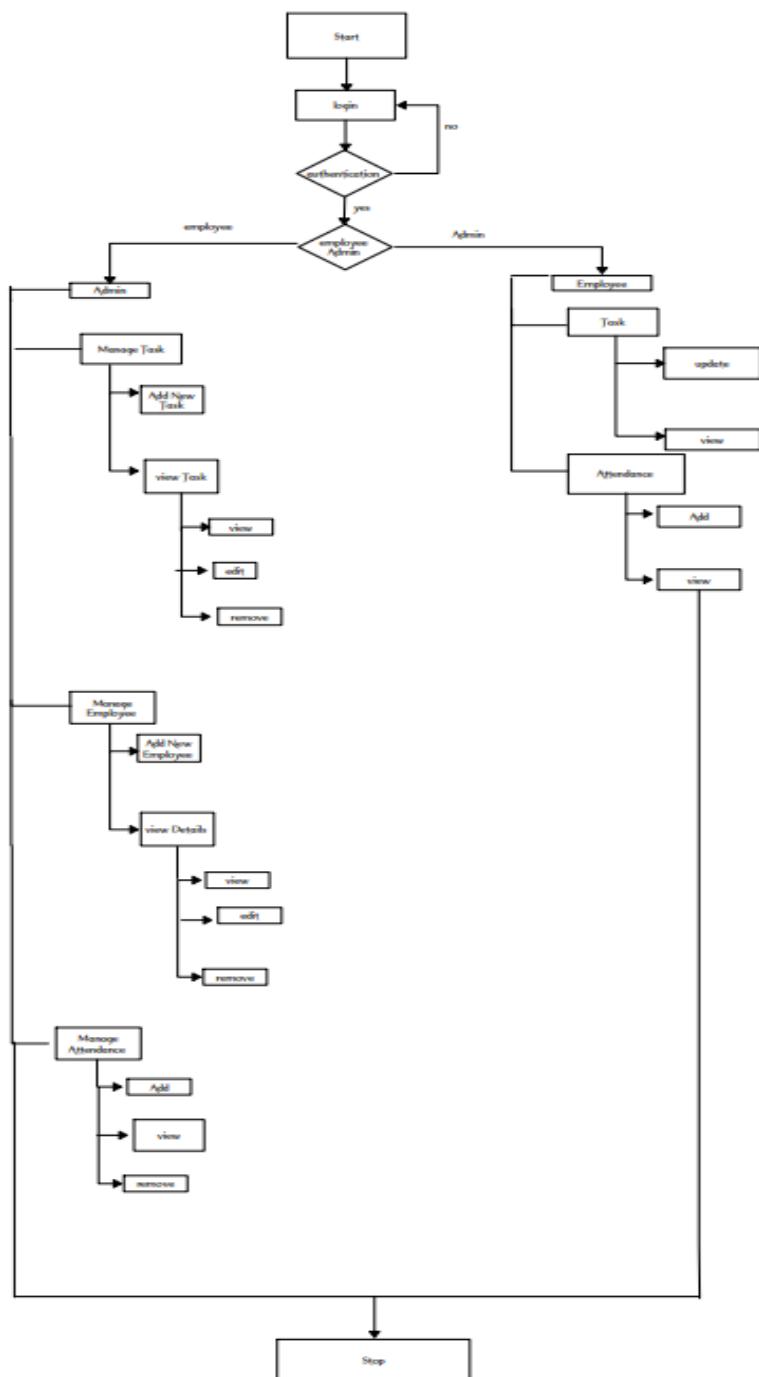
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➤ EMPLOYEE SEQUENCE:-



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4.2 SYSTEM FLOW DIAGRAM:-



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4.3 DATA DICTIONARY :-

TOTAL TABLES :-

- 1.USER
- 2.ADMIN
- 3.EMPLOYEE
- 4.PROJECT
- 5.TASK
- 6.REPORT
- 7.PROJECT MEMBER

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TABLE NUMBER :- 1

TABLE NAME :- USER TABLE

PRIMARY KEY :- USER_ID

DESCRIPTION :- STORE DETAILS OF USER

.No	Column Name	Datatype	Size	Constraint	Description
1	User_id	Varchar	10	Primary key	System user Id
2	Password	Password	8	Not Null	Password of the user
3	User_name	Varchar Sr	10	Not Null	Name of user
4	Role	Varchar	8	Not Null	Role of user

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TABLE NUMBER :- 2

TABLE NAME :- ADMIN TABLE

PRIMARY KEY :- ADMIN_ID

DESCRIPTION :- STORE DETAILS OF ADMIN

Sr.No	Column Name	Datatype	Size	Constraint	Description
1	Admin_id	Varchar	10	Primary key	Admin Id
2	Admin_name	Varchar	10	Not Null	Name of the Admin
3	User_id	Varchar	10	Foreign key	User Id of Admin
4	User_name	Varchar	10	Not Null	User name of Administer

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TABLE NUMBER :- 3

TABLE NAME :- EMPLOYEE TABLE

PRIMARY KEY :- EMPLOYEE_ID

DESCRIPTION :- STORE DETAILS OF EMPLOYEE

Sr.No	Column Name	Datatype	Size	Constraint	Description
1	Employee_id	Varchar	10	Primary key	Employee Id
2	Employee_Name	Varchar	10	Not Null	Name of employee
3	User_id	Varchar	10	Foreign key	User id of employee
4	User_name	Varchar	10	Not Null	User name of employee
5	Total_project	Int	5	Not Null	Total no of project of employee
6	Pending_project	Int	5	Not Null	No of pending project of employee
7	Completed_project	Int	5	Not Null	No of completed project of employee
8	Working_project	Int	5	Not Null	No of working

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					project of employee
--	--	--	--	--	---------------------

TABLE NUMBER :- 4

TABLE NAME :- PROJECT TABLE

PRIMARY KEY :- PROJECT_ID

DESCRIPTION :- STORE DETAILS OF PROJECTS

Sr.N o	Column Name	Datatype	Siz e	Constrain t	Description
1	Project_id	Varchar	10	Primary key	Project id
2	Project_name	Varchar	10	Not Null	Project name
3	Start_date	Date/Tim e		Not Null	Starting date of the project
4	Due_date	Date/Tim e		Not Null	Ending date of the project
5	Status	Varchar	10	Not Null	Status of project
6	Description	Varchar	30		Description of project
7	Project_memb er	Int	5	Not Null	No of project member
8	Task	Int	5	Not Null	No of tasks of the project

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TABLE NUMBER :- 5

TABLE NAME :- TASK TABLE

PRIMARY KEY :- TASK_ID

DESCRIPTION :- STORE DETAILS OF TASKS

Sr.No	Column Name	Datatype	Size	Constraint	Description
1	Task_id	Varchar	10	Primary key	Task id
2	Task_name	Varchar	10	Not Null	Name of Task
3	Status	Varchar	10	Not Null	Status of task
4	Project_id	Varchar	10	Foreign key	Project id of the task
5	Project_name	Varchar	10	Not Null	Project name of task
6	Description	Varchar	30		Description of task
7	Start_date	Date/Time			Starting date of task
8	Due_date	Date/Time			Ending date of the task

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TABLE NUMBER :- 6

TABLE NAME :- REPORT TABLE

PRIMARY KEY :- REPORT_ID

DESCRIPTION :- STORE DETAILS OF REPORTS

Sr.No	Column Name	Datatype	Size	Constraint	Description
1	Report_id	Varchar	10	Primary key	Report id of project
2	Project_id	Varchar	10	Foreign key	Project id for report
3	Project_name	Varchar	10	Not Null	Project name for report
4	Project_member	Int	5	Not Null	No of project member
5	Status	Varchar	10	Not Null	Status of project
6	Task	Int	5	Not Null	No of tasks
7	Progress	Int	5	Not Null	Rate of progress

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TABLE NUMBER :- 7

TABLE NAME :-PROJECT_MEMBER TABLE

PRIMARY KEY :- MEMBER_ID

DESCRIPTION :- STORE DETAILS OF PROJECT MEMBER

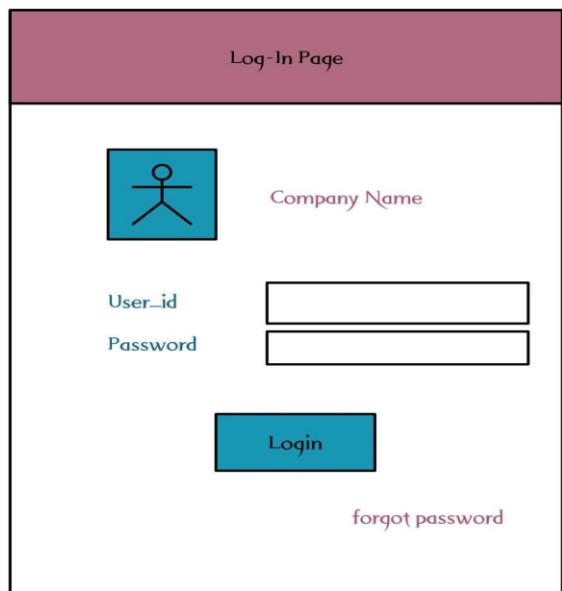
Sr.No	Column Name	Datatype	Size	Constraint	Description
1	Member_id	Varchar	10	Primary key	Member id of project
2	Project_id	Varchar	10	Foreign key	Project id of project member
3	Project_name	Varchar	10	Not Null	Project name of project member
4	Employee_name	Varchar	10	Not Null	Employee Name of the member
5	Employee_id	Varchar	10	Foreign key	Employee id of the member

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4.4 USER INTERFACE: -

1) USER LOGIN PAGE:-

Log-In Page

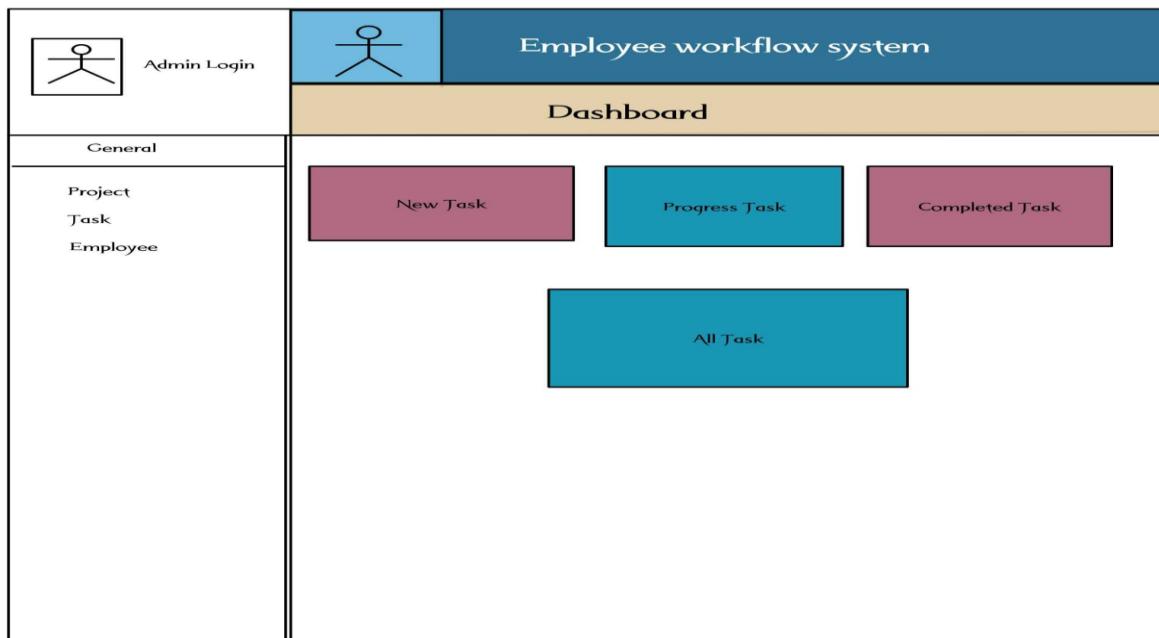


The diagram illustrates a user login page with the following components:

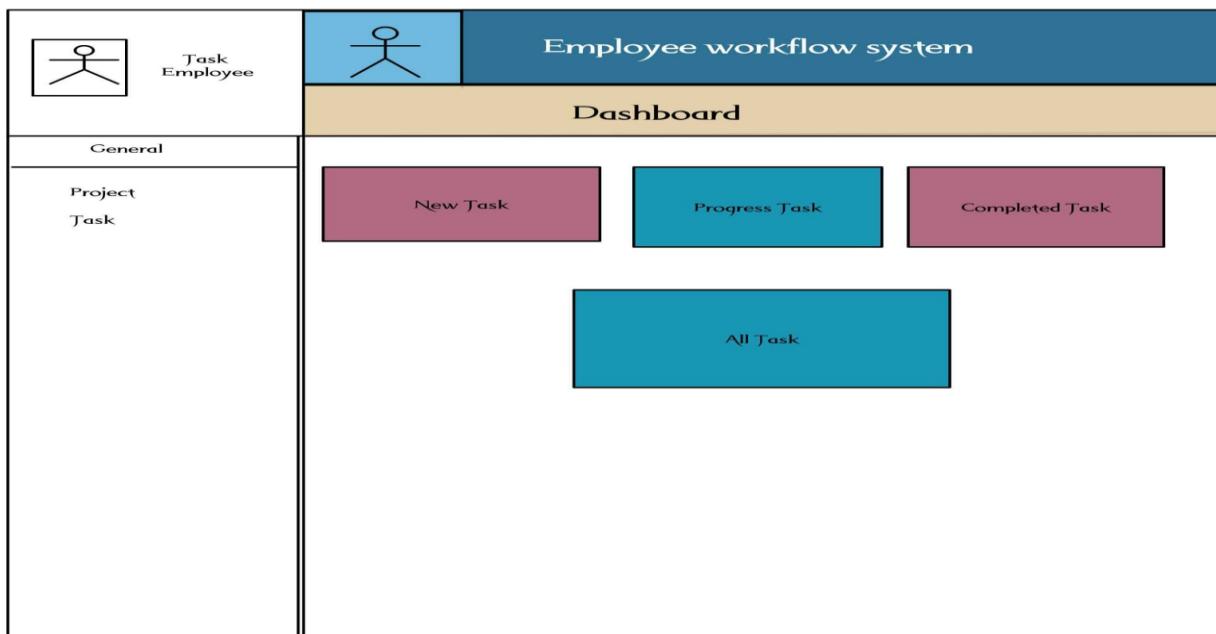
- A header bar labeled "Log-In Page".
- A logo icon (a stylized person) and a placeholder text "Company Name".
- Input fields for "User_id" and "Password".
- A blue "Login" button.
- A link labeled "forgot password".

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2)ADMIN DASHBOARD



3)EMPLOYEE DASHBOARD



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4)CHANGE PROFILE

Change Profile

profile picture



User Name

User_id

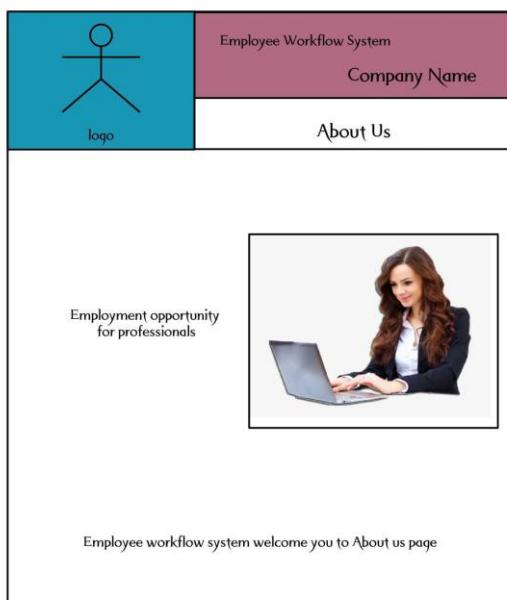
New User_name

Password

Login

forgot password

5)ABOUT US PAGE



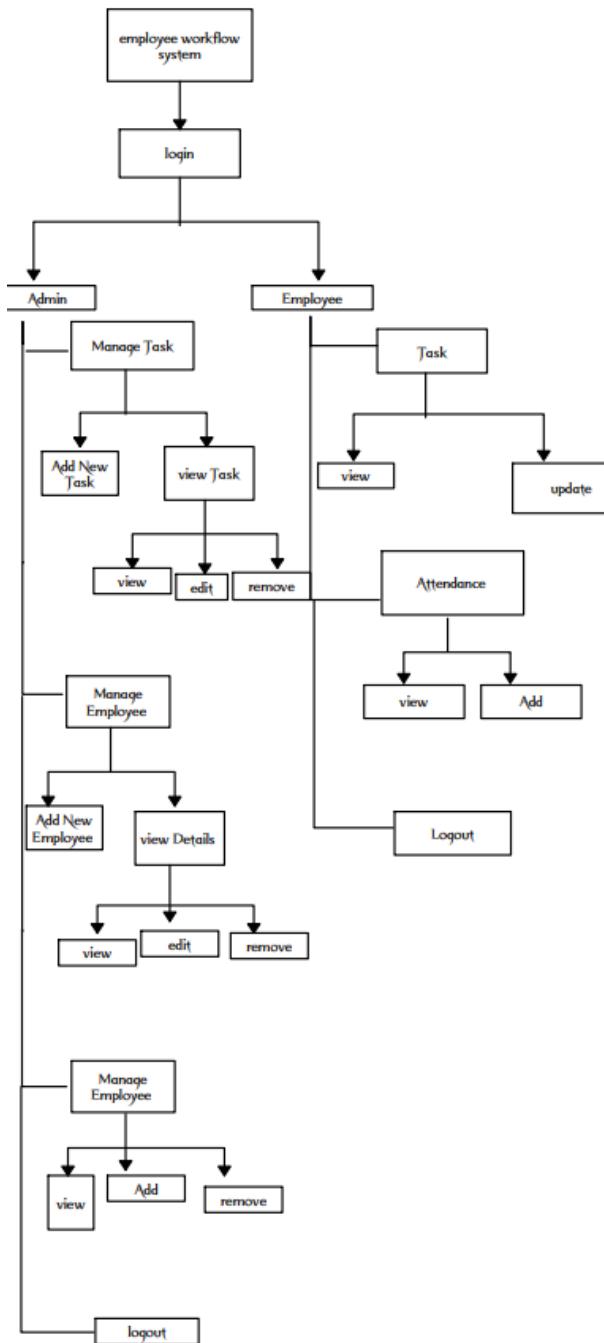
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6)CONTACT US

Contact page

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4.5 SYSTEM NAVIGATION DIAGRAM :-



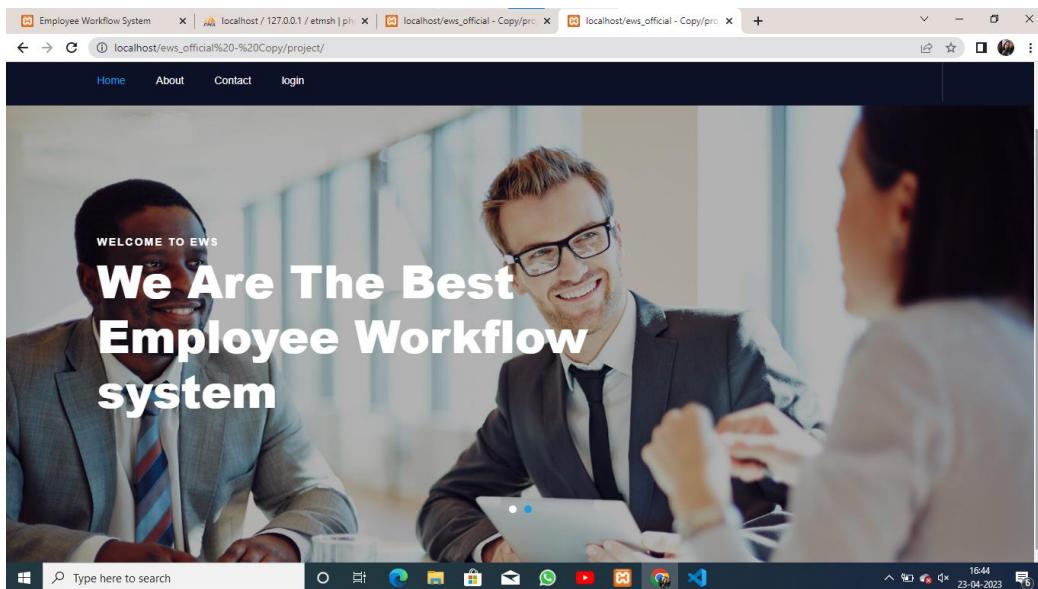
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CHAPTER – 5 : INPUT-OUTPUT DESIGN

- 1_Homepage



- 2_Homepage



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- 3_aboutus page:

EWS

Email: ews@gmail.com | Call: Call Us: + 9924239909

Home About Contact login

About Us

HOME > ABOUT US

510
PROJECTS COMPLETED

585
SATISFIED CUSTOMER

242
AWARDS RECEIVED

25
YEARS OF EXPERIENCE

- 4_abousus page

Type here to search

Welcome to our employee workflow system

Our goal is to make task management simple and stress-free for you and your team. we know that managing tasks can be a headache, so we've created a platform that's easy to use ad understand.

Our client says

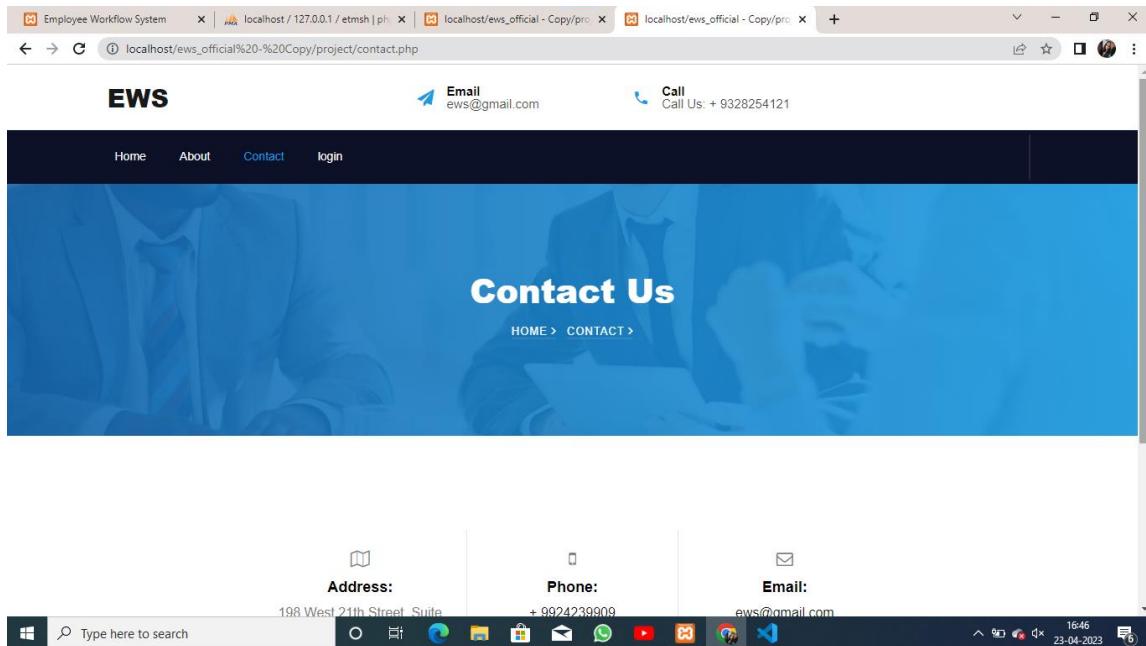
Nishant Pathak
Technical Head

Mukesh Josiyara
Guide

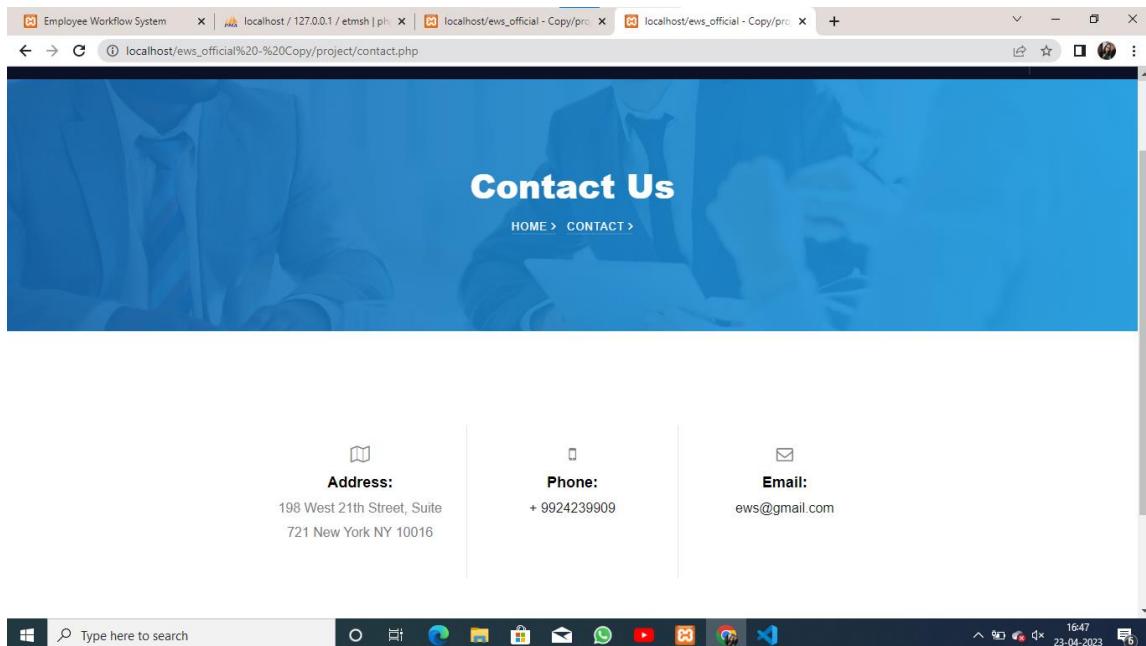
Nitin Gedya
Owner of the Tech company

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➤ 5_contactus page

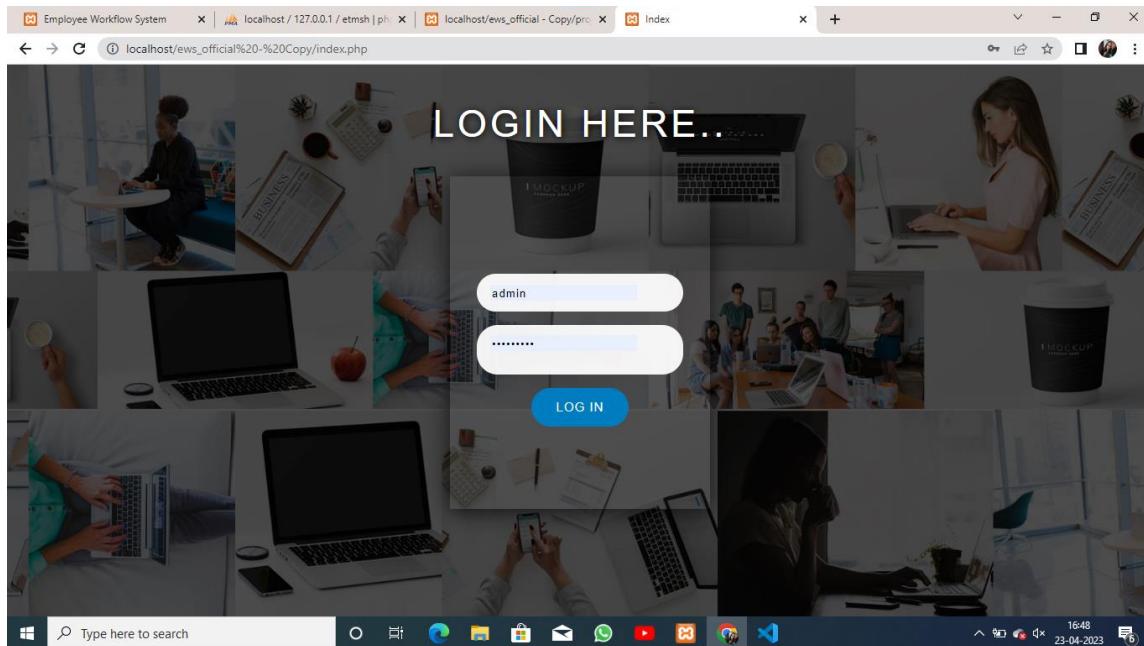


6_contactus page



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7_adminlogin page



8_Admin Task Page

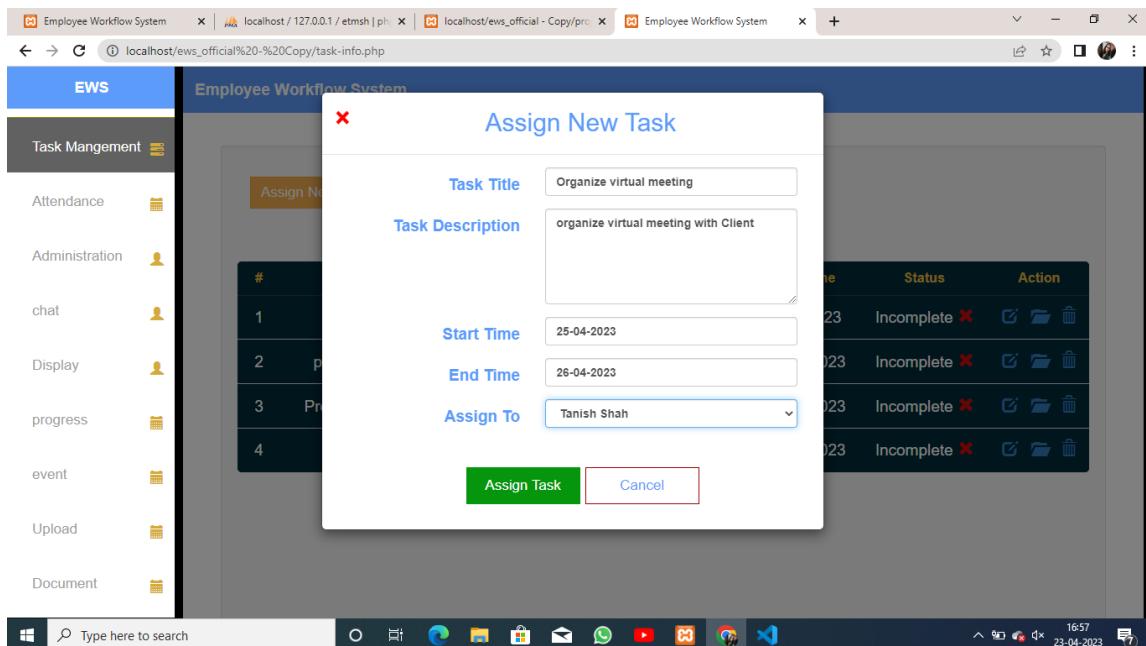
The screenshot displays the "Employee Workflow System" task management section. On the left, a sidebar lists "Task Management", "Attendance", "Administration", "chat", "Display", "progress", "event", "Upload", and "Document". The main area shows a table titled "Task Management Section" with the following data:

#	Task Title	Assigned To	Start Time	End Time	Status	Action
1	FrontEnd	zeel shah	14-4-2023	14-5-2023	Incomplete	X Edit File Delete
2	prepare presentation	Aachal shrimali	24-04-2023	28-04-2023	Incomplete	X Edit File Delete
3	Prepare documentation	nidhi vora	15-04-2023	15-05-2023	Incomplete	X Edit File Delete
4	Data entry	zeel shah	23-04-2023	25-04-2023	Incomplete	X Edit File Delete

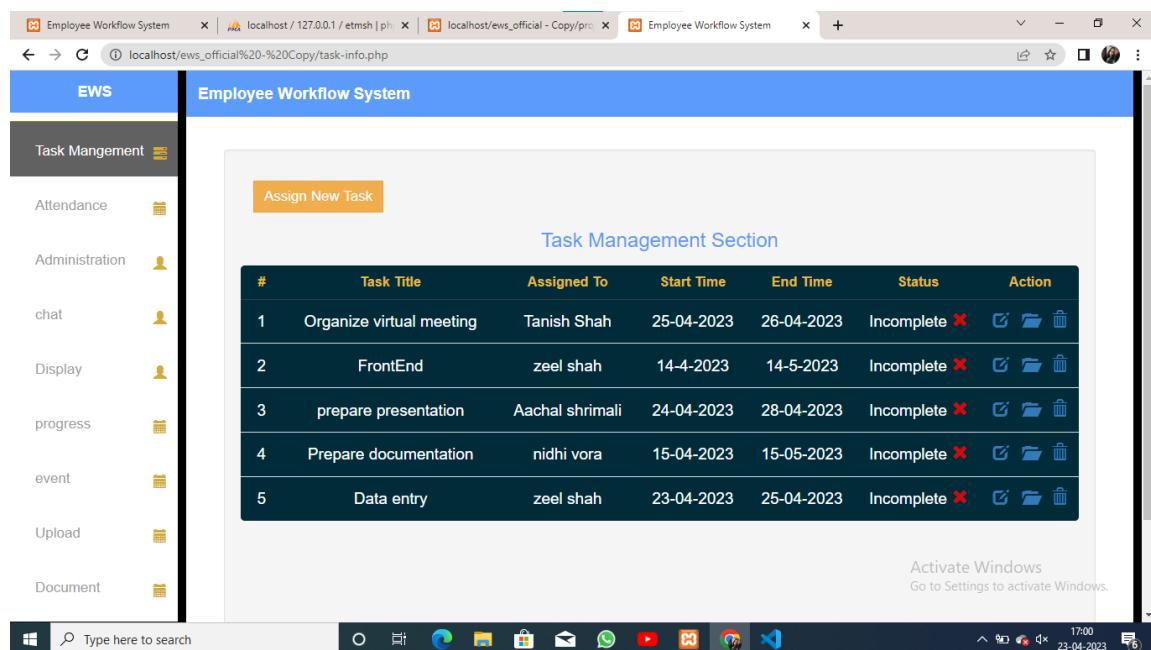
The browser tabs show "Employee Workflow System", "localhost / 127.0.0.1 / etmsh | pi", "localhost/ews_official - Copy/pro...", and "Employee Workflow System". The Windows taskbar at the bottom shows the date and time as 23-04-2023 16:54.

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9_Admin New Task

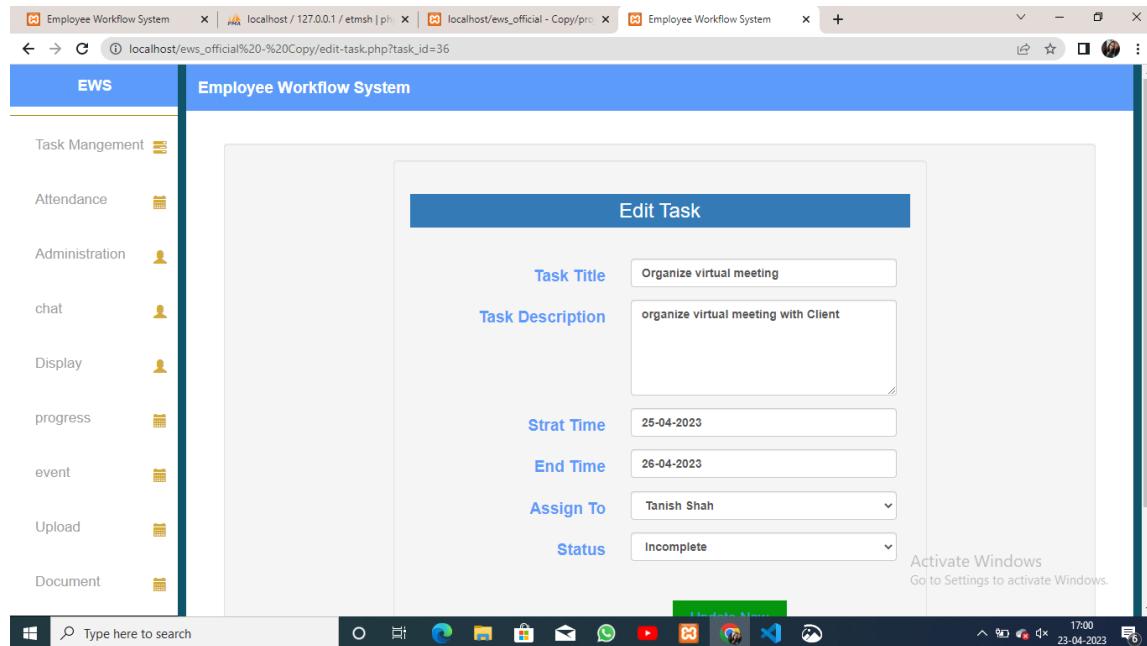


10_new task is added

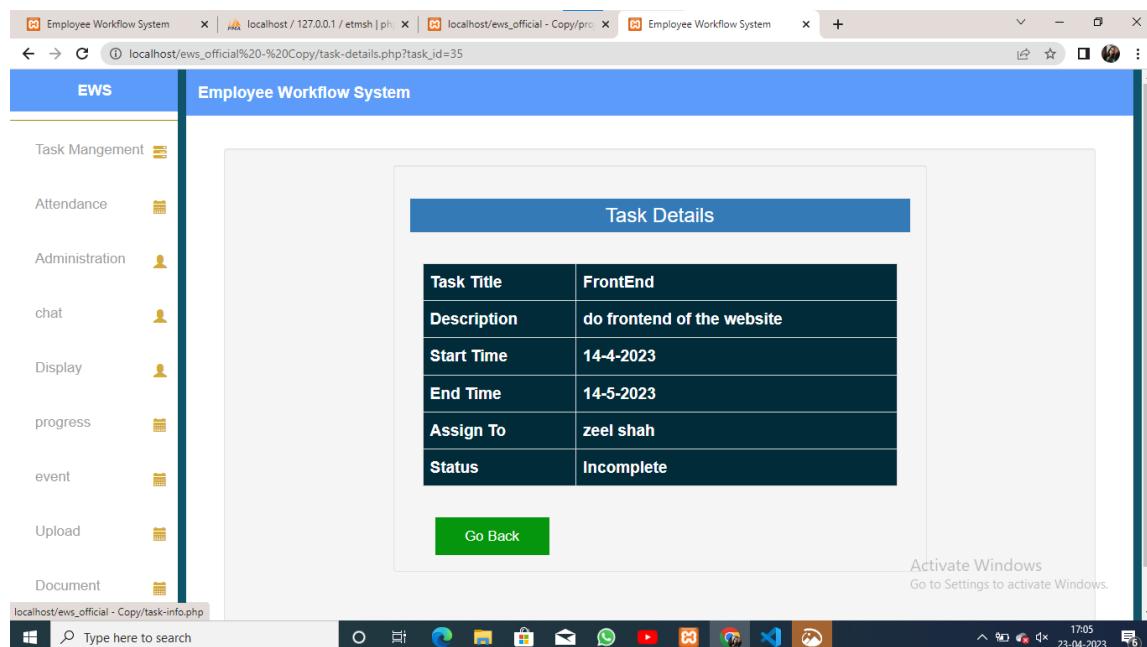


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11_edit task



12_view task



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13_Admin clock in

Clock In

Manage Attendance

S.N.	Name	In Time	Out Time	Total Duration	Status	Action
1	zeel shah	23-04-2023 17:37:10	23-04-2023 17:37:23	00:00:13	Delete	
2	moxa shah	23-04-2023 17:36:36	23-04-2023 17:36:59	00:00:23	Delete	
3	zeel shah	23-04-2023 17:36:25	23-04-2023 17:37:08	00:00:43	Delete	
4	nidhi vora	23-04-2023 17:36:09	23-04-2023 17:36:48	00:00:39	Delete	
5	Admin	23-04-2023 17:35:55	23-04-2023 17:37:22	00:01:27	Delete	

14_Admin clock out

Manage Attendance

S.N.	Name	In Time	Out Time	Total Duration	Status	Action
1	Admin	23-04-2023 17:37:59	23-04-2023 17:37:59	00:00:00	Clock Out	Delete
2	zeel shah	23-04-2023 17:37:10	23-04-2023 17:37:23	00:00:13	Delete	
3	moxa shah	23-04-2023 17:36:36	23-04-2023 17:36:59	00:00:23	Delete	
4	zeel shah	23-04-2023 17:36:25	23-04-2023 17:37:08	00:00:43	Delete	
5	nidhi vora	23-04-2023 17:36:09	23-04-2023 17:36:48	00:00:39	Delete	
6	Admin	23-04-2023 17:35:55	23-04-2023 17:37:22	00:01:27	Delete	

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15_manage admin

The screenshot shows a Windows desktop with a browser window titled "Employee Workflow System". The URL in the address bar is `localhost/ews_official%20-%20Copy/manage-admin.php`. The browser has multiple tabs open, including "Employee Workflow System" and "localhost/127.0.0.1 / etmsh | pi".

The main content area is titled "Manage Admin" and displays a table with one row of data:

Serial No.	Name	Email	Username	Details
1	Admin	admin@gmail.com	admin	<input checked="" type="checkbox"/>

The left sidebar, titled "EWS", contains a navigation menu with the following items:

- Task Management
- Attendance
- Administration** (selected)
- chat
- Display
- progress
- event
- Upload
- Document

The status bar at the bottom shows the date and time as 23-04-2023 17:08.

16_edit admin

The screenshot shows a Windows desktop with a browser window titled "Employee Workflow System". The URL in the address bar is `localhost/ews_official%20-%20Copy/update-admin.php?admin_id=1`. The browser has multiple tabs open, including "Employee Workflow System" and "localhost/127.0.0.1 / etmsh | pi".

The main content area is titled "Edit Admin" and displays form fields for updating an administrator's details:

Full name	Admin
User name	admin
Email	admin@gmail.com

There is also a "Change Password" link and a "Update Now" button.

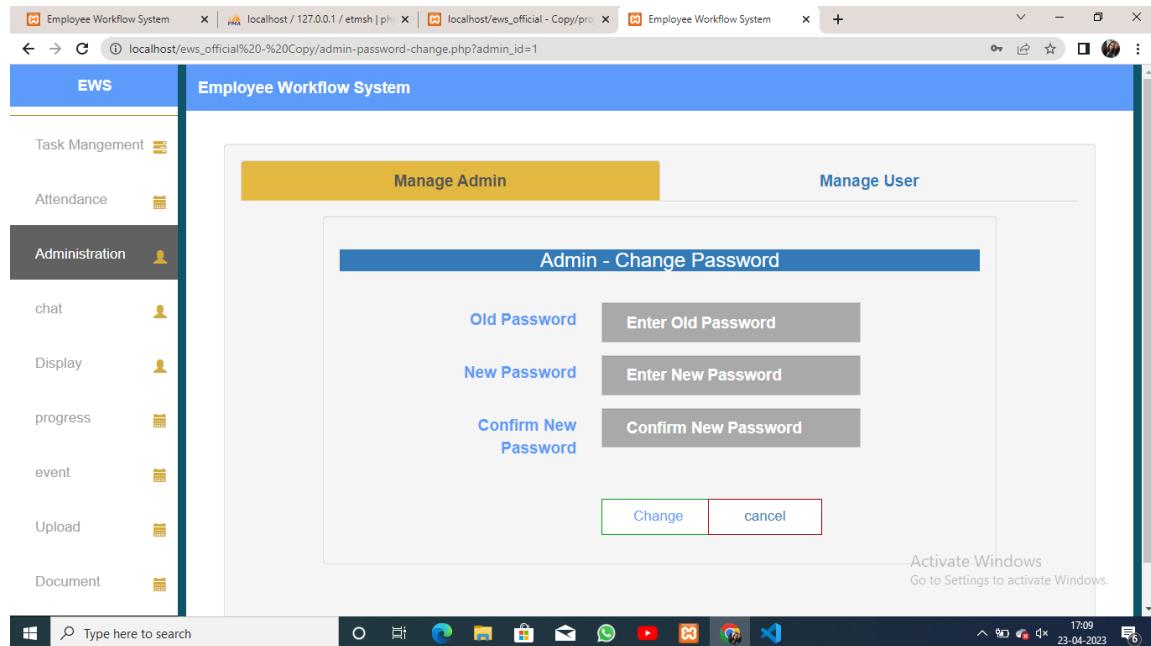
The left sidebar, titled "EWS", contains a navigation menu with the following items:

- Task Management
- Attendance
- Administration** (selected)
- chat
- Display
- progress
- event
- Upload
- Document

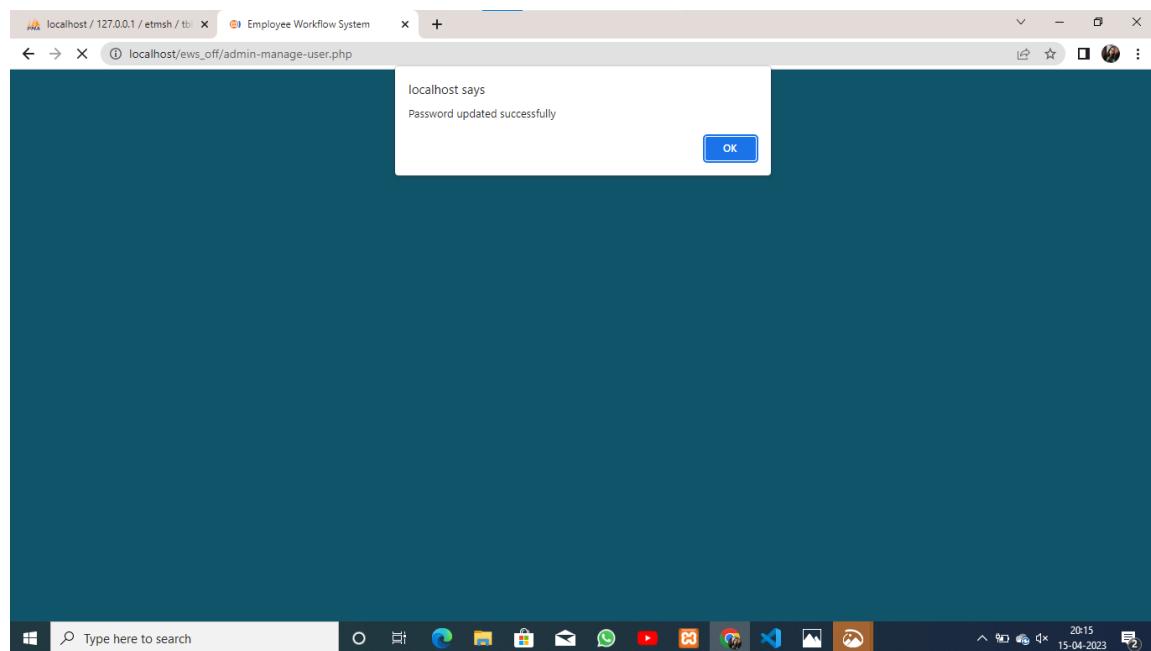
The status bar at the bottom shows the date and time as 23-04-2023 17:09.

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17_1_change password admin



17_2_password changed



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18_manage employee

The screenshot shows a Windows desktop with a browser window titled "Employee Workflow System". The left sidebar has a dark grey header "EWS" and items: Task Management, Attendance, Administration (selected), chat, Display, progress, event, Upload, Document. The main content area has a blue header "Employee Workflow System" and a sub-header "Add New Employee". Below it are two tabs: "Manage Admin" (disabled) and "Manage Employee" (highlighted). A table lists 5 employees with columns: Serial No., Fullname, Email, Username, Temp Password, Details. The details column contains edit and delete icons. At the bottom right of the content area, there's an "Activate Windows" message.

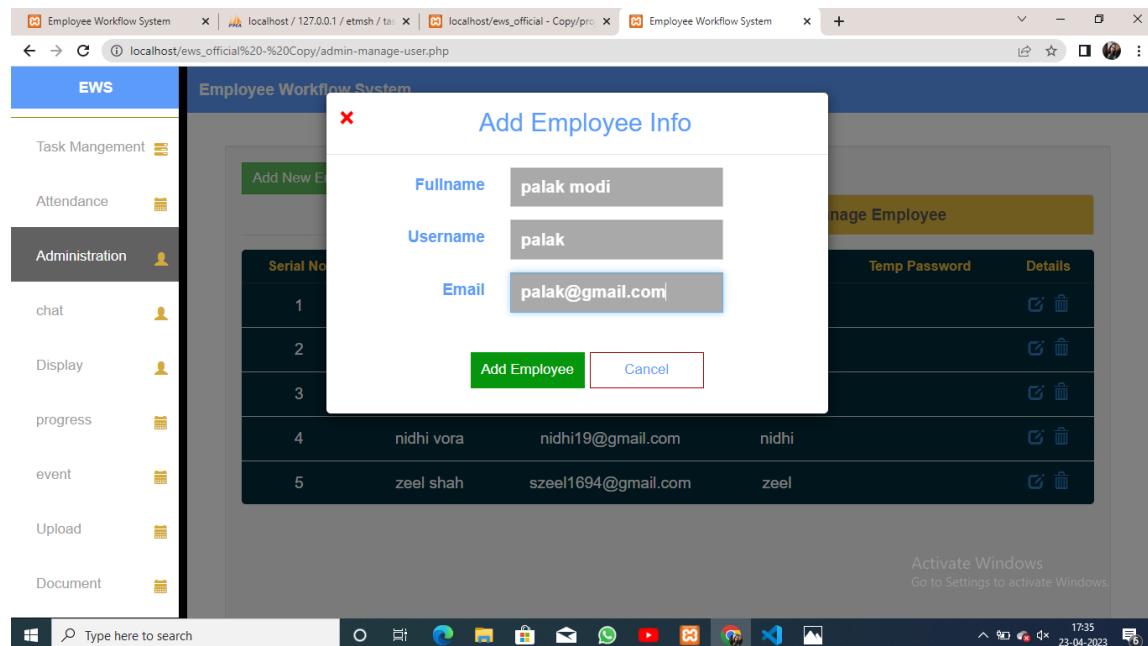
Serial No.	Fullname	Email	Username	Temp Password	Details
1	moxa shah	moxa@gmail.com	moxa		
2	Tanish Shah	tanish@gmail.com	tanish		
3	Aachal shrimali	achal@gmail.com	aachal		
4	nidhi vora	nidhi19@gmail.com	nidhi		
5	zeel shah	szeel1694@gmail.com	zeel		

19_edit employees

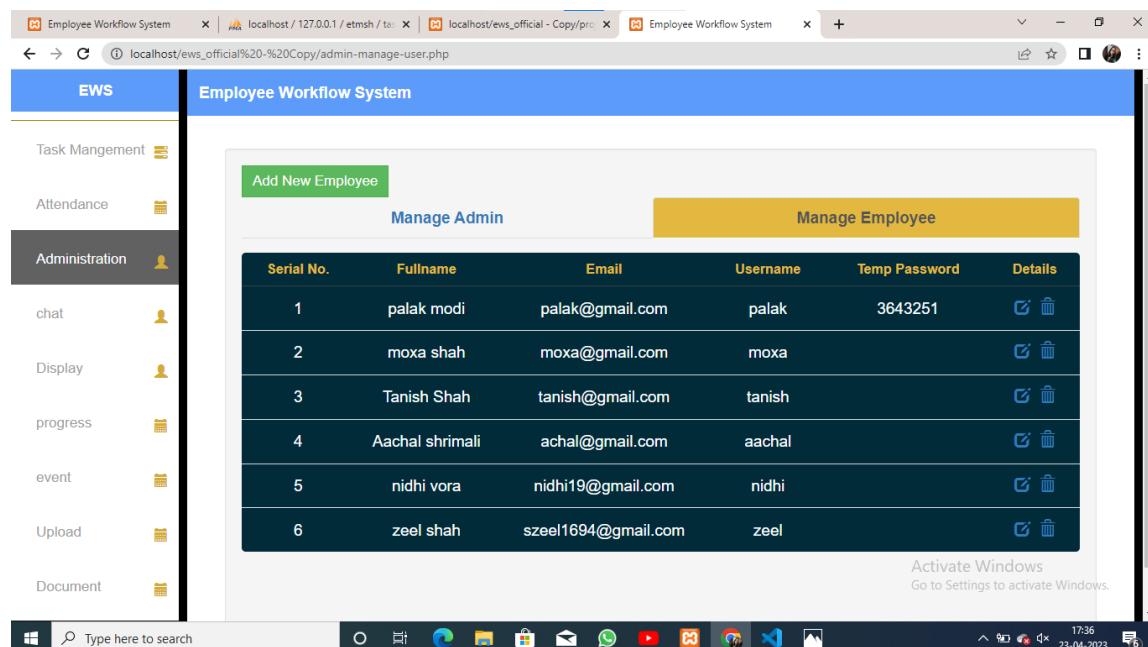
The screenshot shows a Windows desktop with a browser window titled "Employee Workflow System". The left sidebar is identical to the previous screenshot. The main content area has a blue header "Employee Workflow System" and a sub-header "Edit Employee". It displays three input fields: "Full name" (moxa shah), "User name" (moxa), and "Email" (moxa@gmail.com). To the right, there's a "Change Password" section with "New Password:" placeholder text and an "Ok" button. At the bottom is an "Update Now" button. An "Activate Windows" message is at the bottom right.

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20_1_employee add

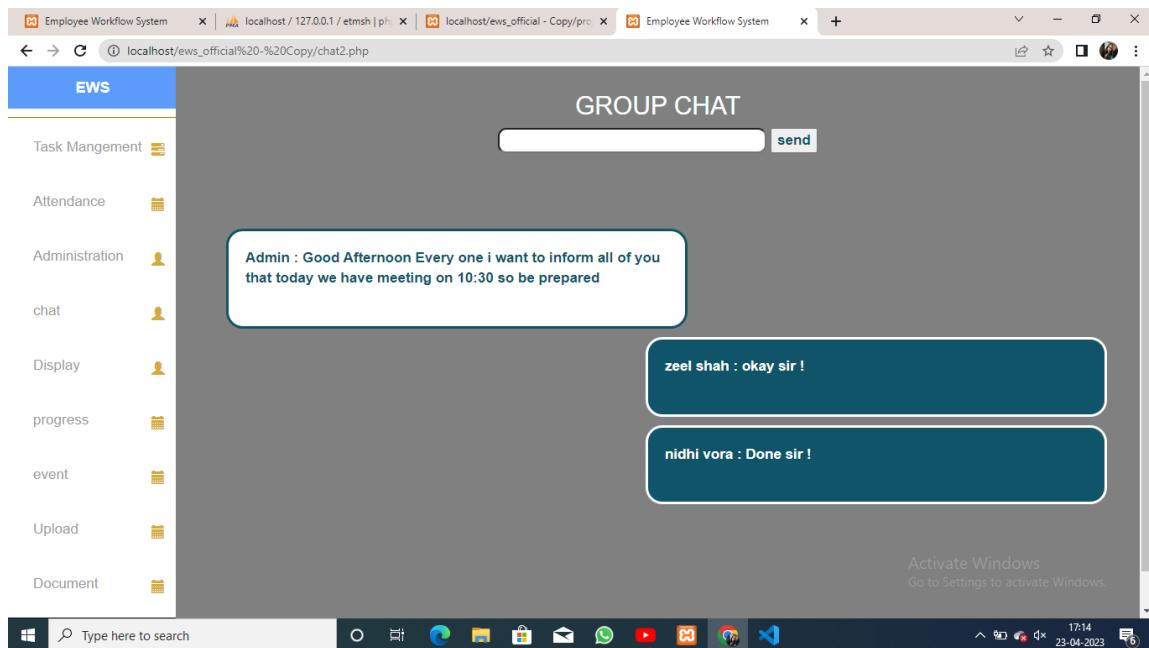


20_2_employee added

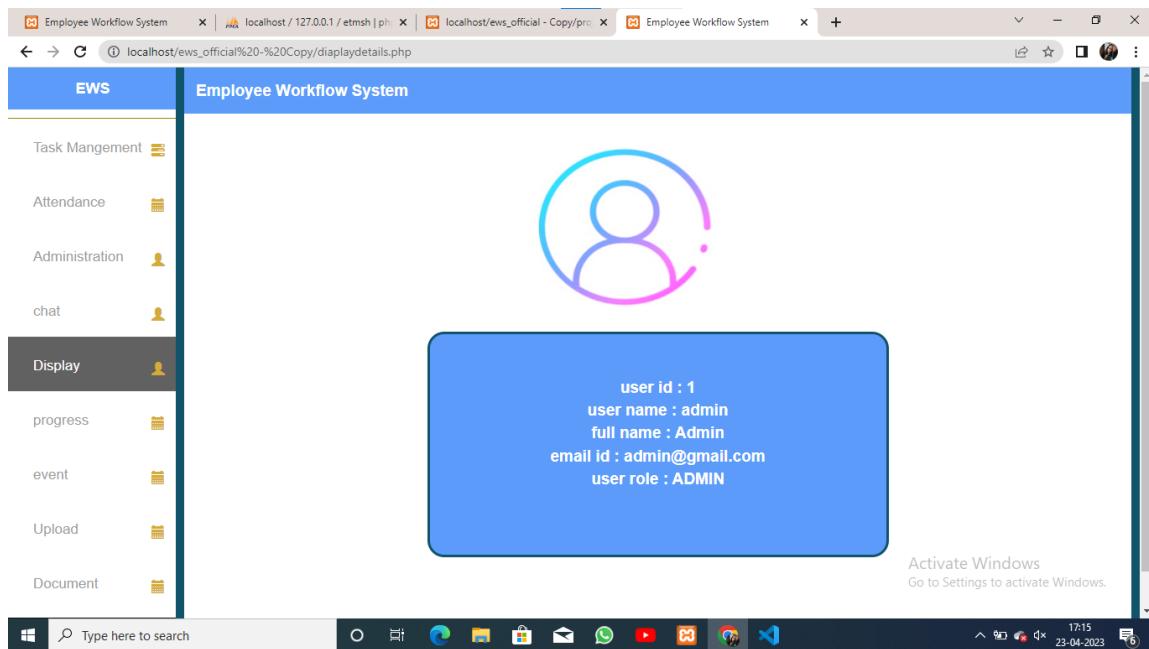


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21_admin chat



22_Admin details display



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23_Admin progress

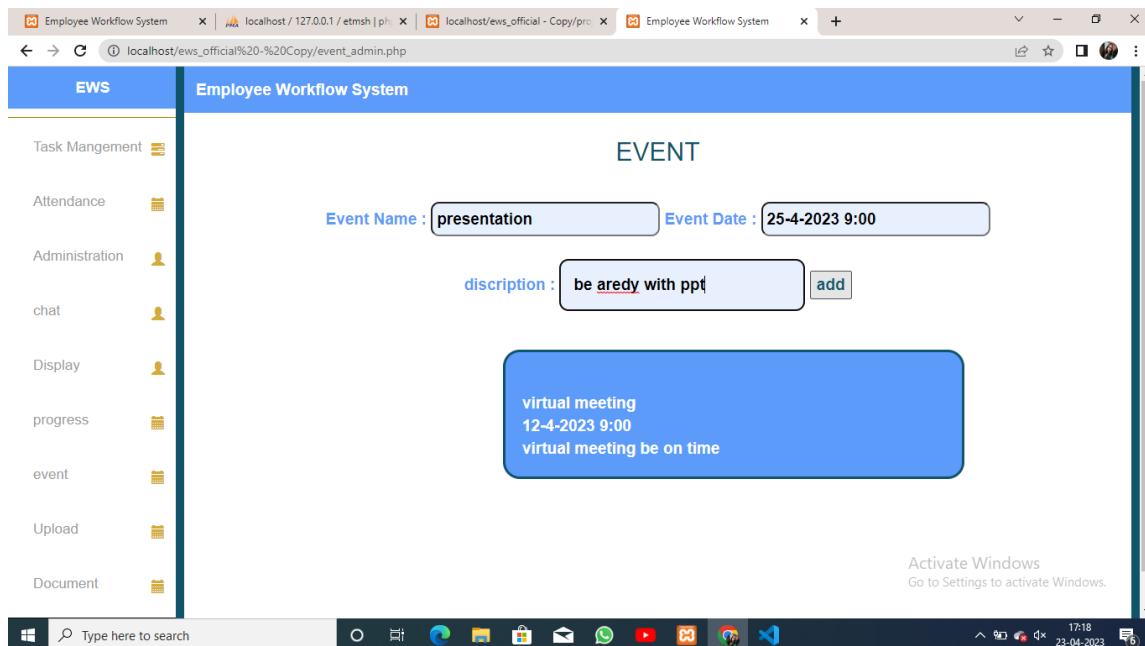
The screenshot shows a web-based application titled "Employee Workflow System". On the left, a vertical sidebar menu lists various options: Task Management, Attendance, Administration, chat, Display, **progress**, event, Upload, and Document. The "progress" option is currently selected. The main content area is titled "PROGRESS" and displays three blue rounded rectangular boxes. The top box contains the text "Total project : 5". The middle box contains "Incomplete project : 5". The bottom box contains "Inprogress project : 0". In the bottom right corner of the main area, there is a message: "Activate Windows Go to Settings to activate Windows." At the bottom of the screen, the Windows taskbar is visible with several icons and the date/time: 17:15 23-04-2023.

24_Asmin event

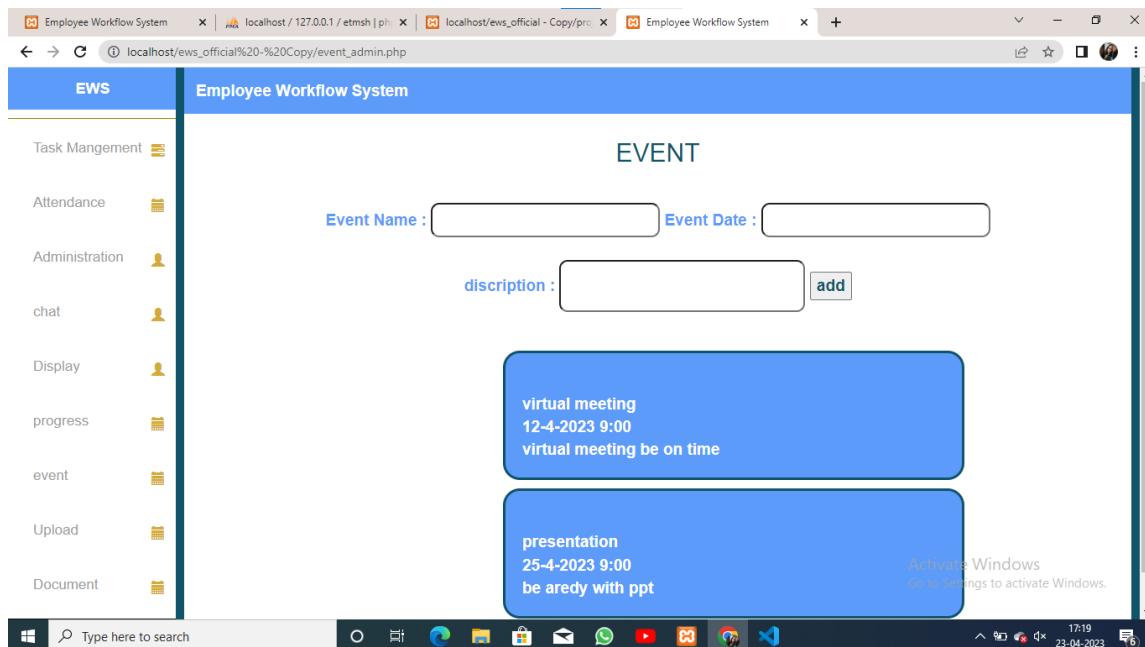
The screenshot shows a web-based application titled "Employee Workflow System". On the left, a vertical sidebar menu lists various options: Task Management, Attendance, Administration, chat, Display, progress, **event**, Upload, and Document. The "event" option is currently selected. The main content area is titled "EVENT" and displays a form with fields for "Event Name" (with an input field), "Event Date" (with an input field), and "description" (with an input field and a "add" button). Below the form, there is a blue rounded rectangular box containing the text: "virtual meeting", "12-4-2023 9:00", and "virtual meeting be on time". In the bottom right corner of the main area, there is a message: "Activate Windows Go to Settings to activate Windows." At the bottom of the screen, the Windows taskbar is visible with several icons and the date/time: 17:18 23-04-2023.

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25_Add event

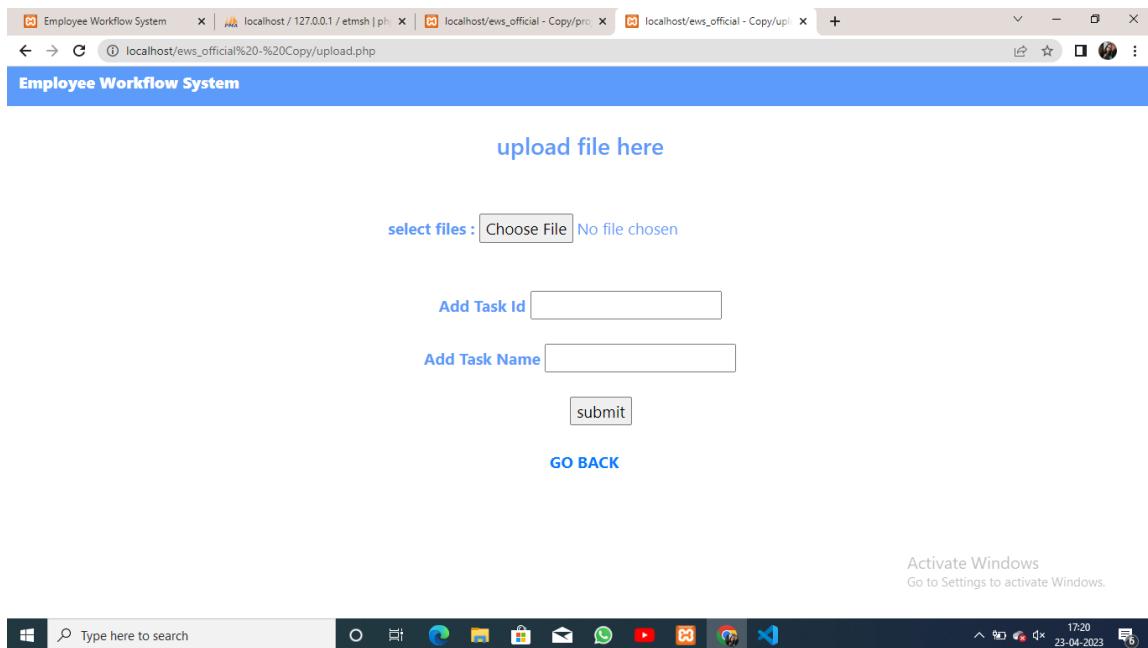


26_event added

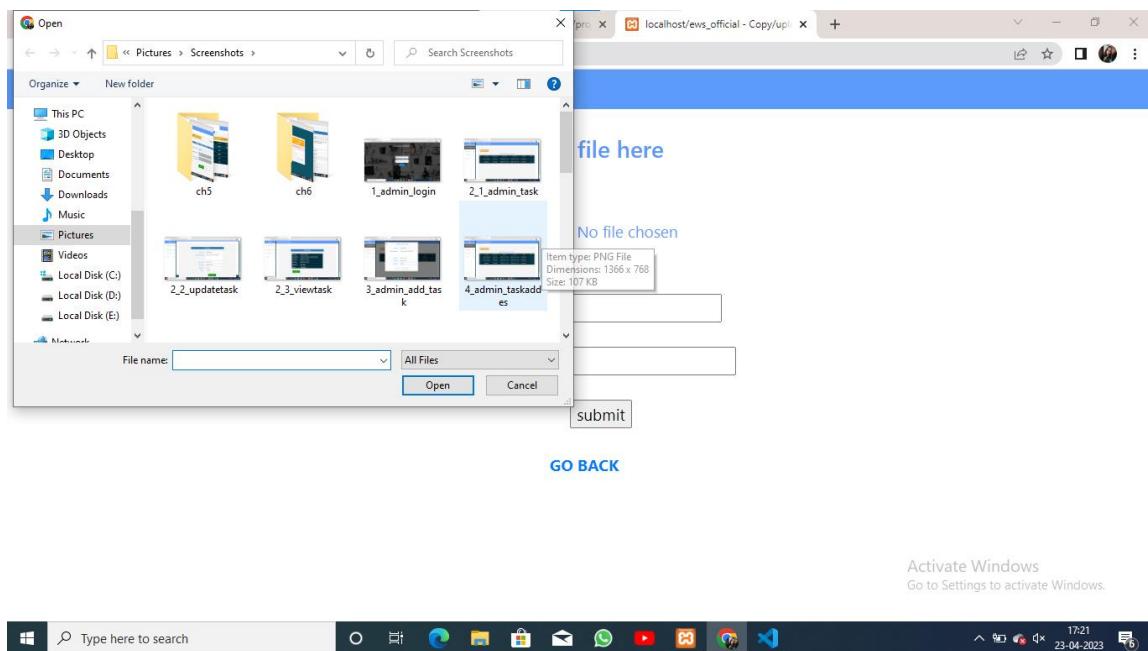


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27_admin upload



28_choice file



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29_uploaded

The screenshot shows a web browser window titled "Employee Workflow System" with the URL localhost/ews_official%20-%20Copy/upload.php. The page has a blue header bar with the title. Below it, there is a form with the following fields:

- A large text area with the placeholder "upload file here".
- A "select files:" input field followed by a "Choose File" button. The file selected is "1_admin_login.png".
- An "Add Task Id" input field containing "35".
- An "Add Task Name" input field containing "FrontEnd".
- A "submit" button.
- A "GO BACK" link at the bottom.

At the top of the screen, there is a taskbar with several icons and a system tray showing the date and time (23-04-2023, 17:23).

30_view doc

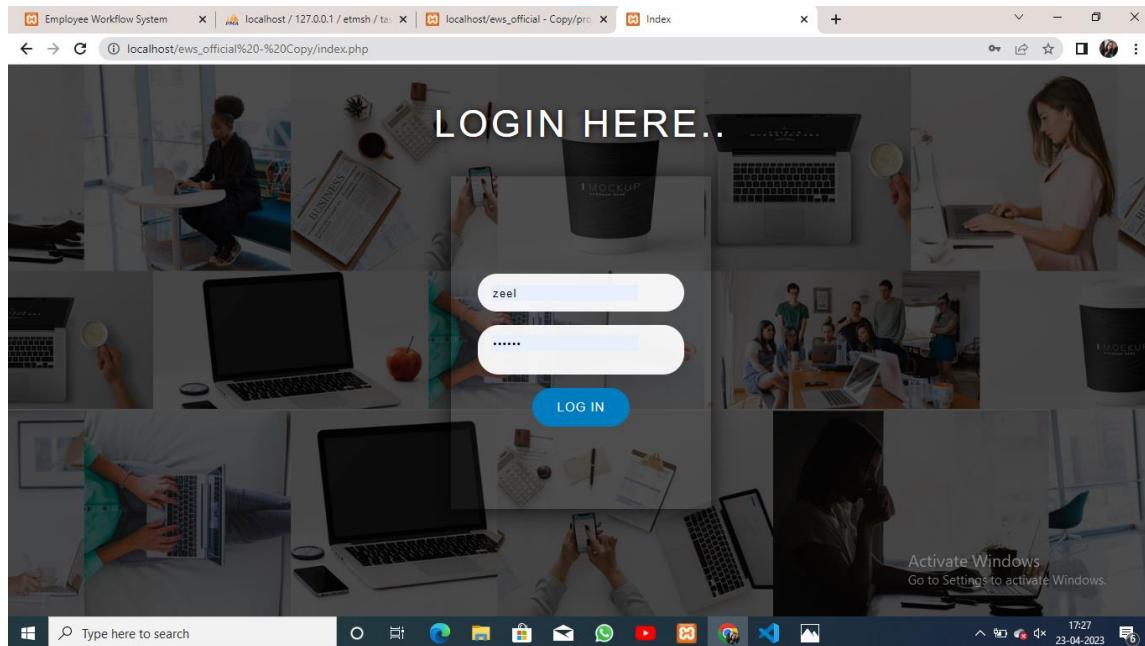
The screenshot shows a web browser window titled "Employee Workflow System" with the URL localhost/ews_official%20-%20Copy/show.php. The page has a blue header bar with the title. Below it, there is a table displaying a list of files:

Files	Action	Task id	Task name	User Name
usecase_admin.pdf	Download	32	data entry	zeel shah
chapter_1.docx	Download	33	prepare documentation	nidhi vora
1_admin_login.png	Download	35	FrontEnd	Admin

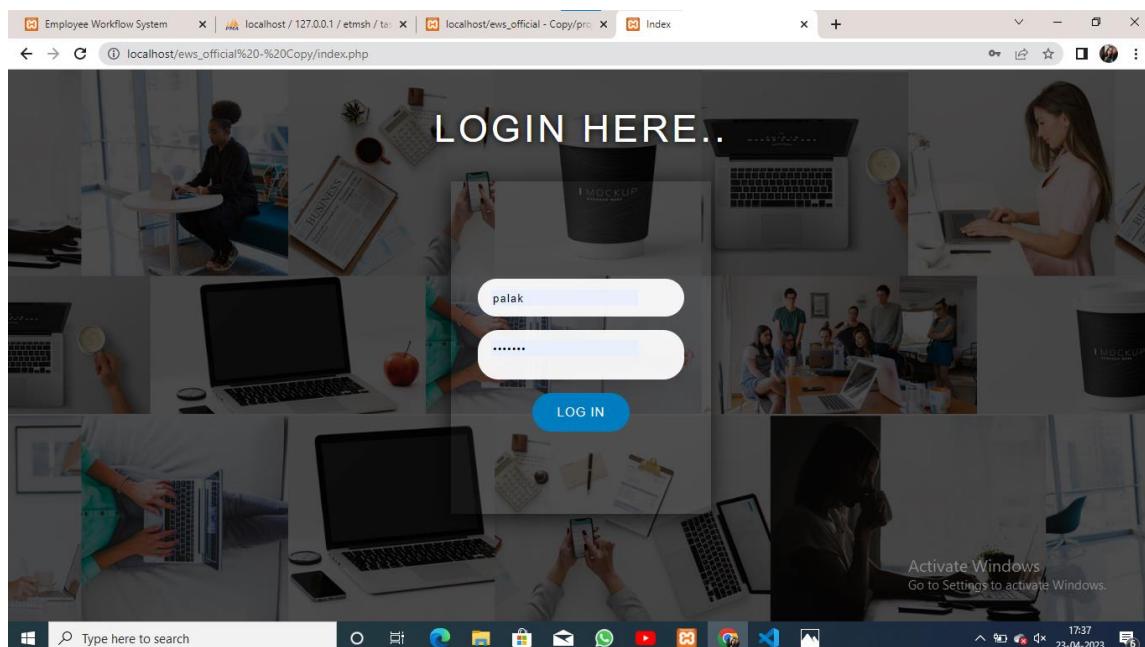
At the top of the screen, there is a taskbar with several icons and a system tray showing the date and time (23-04-2023, 17:25).

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31_1_emlogin

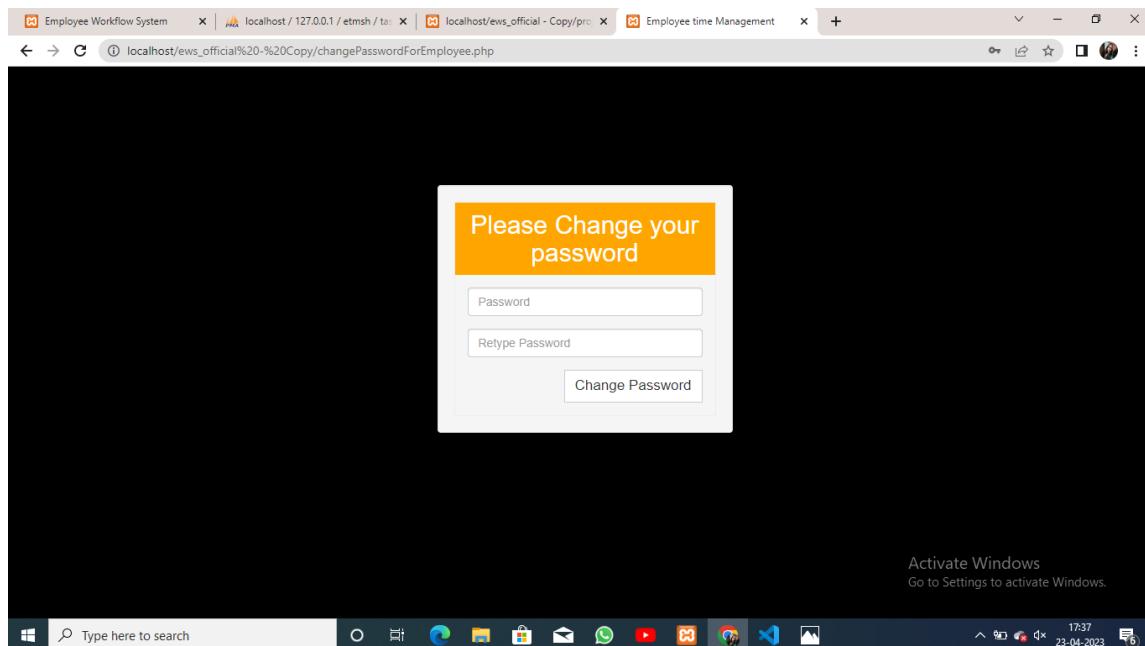


31_2_new wmployee

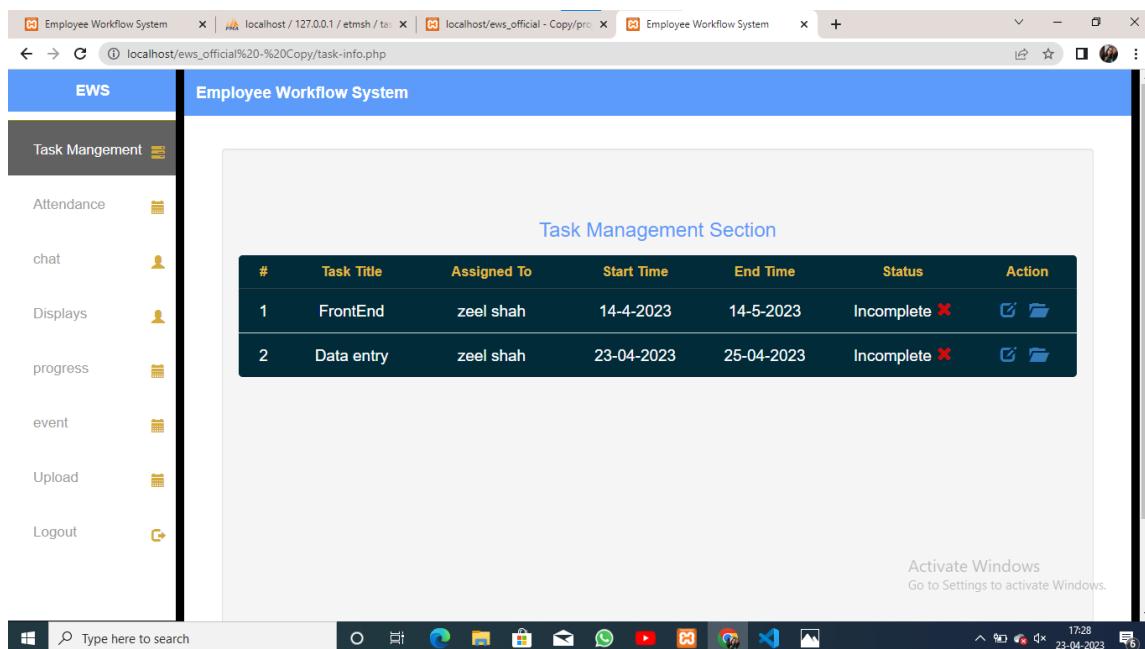


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31_3_changes

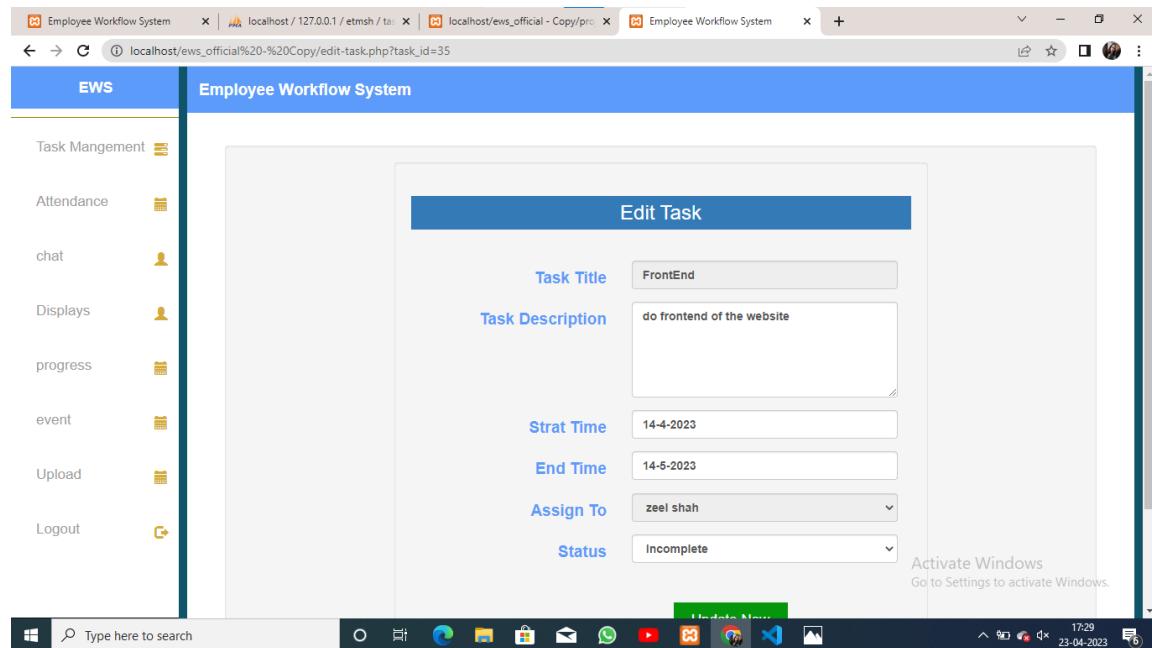


32_employee task

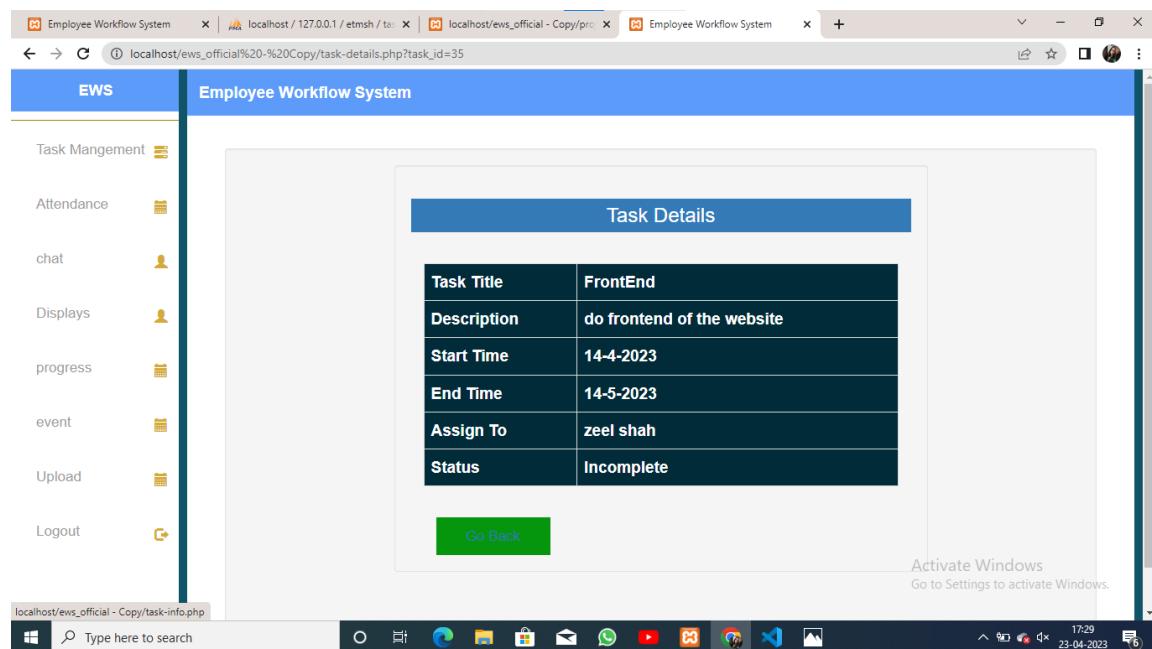


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33_employee edit task

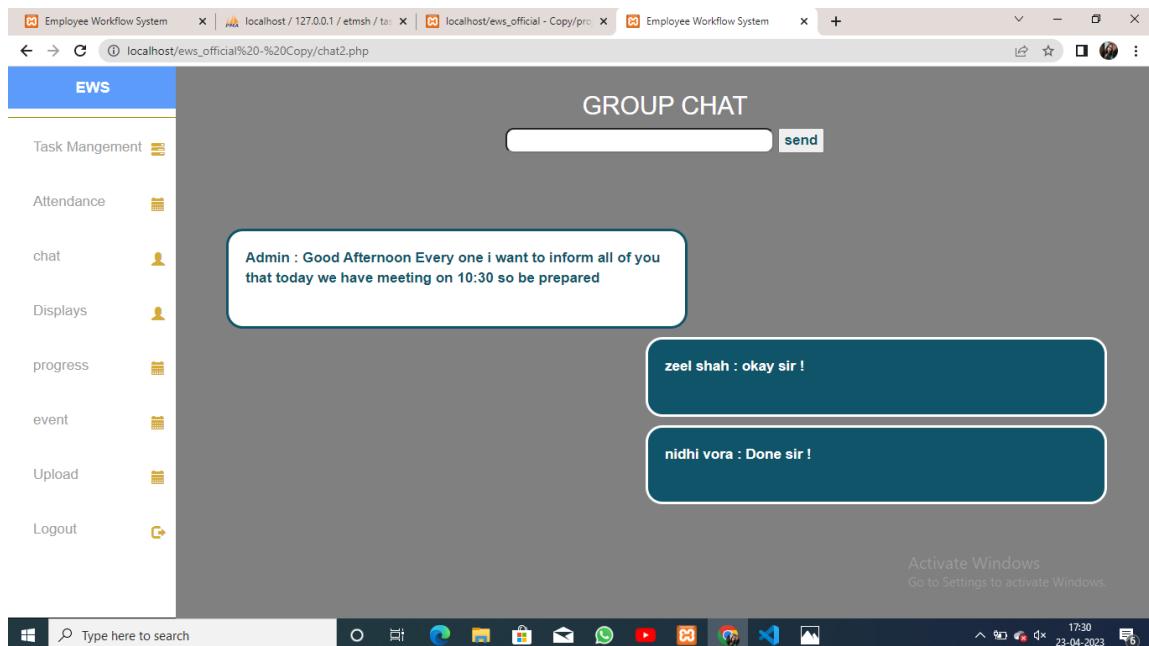


34_view task

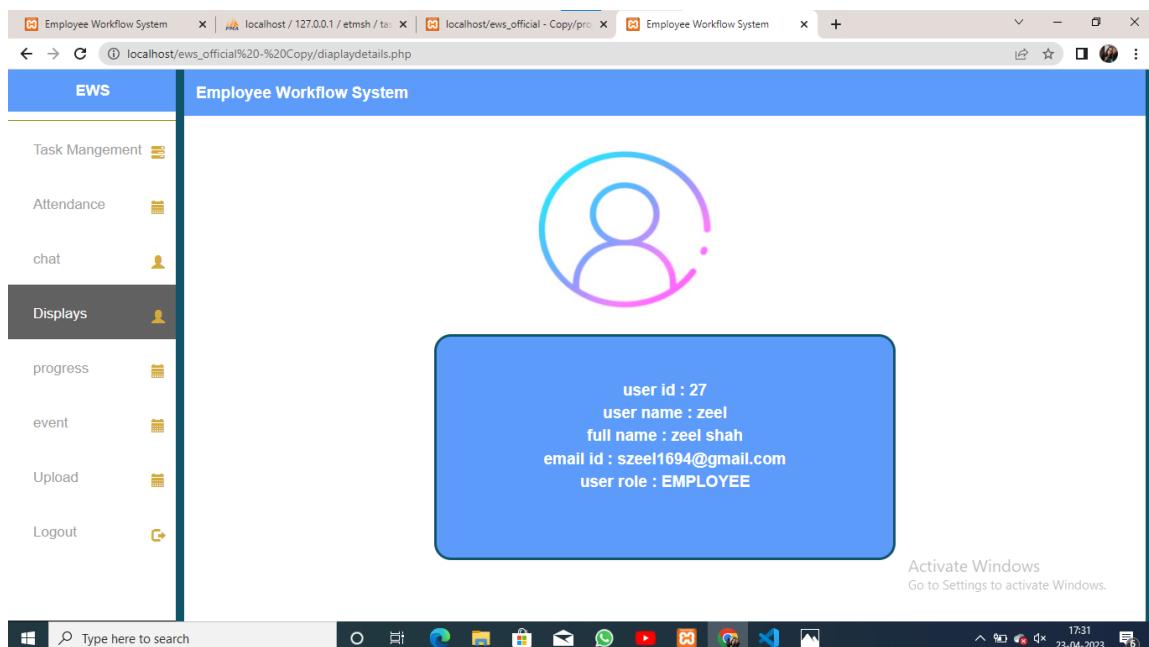


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35_employee chat

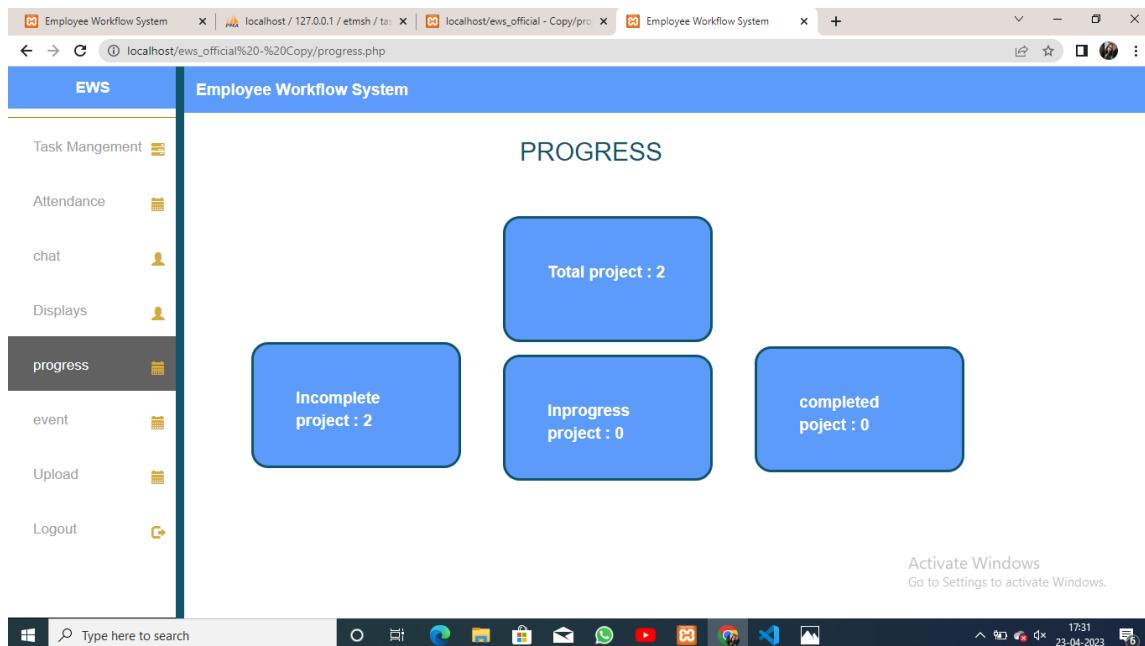


36_employee display

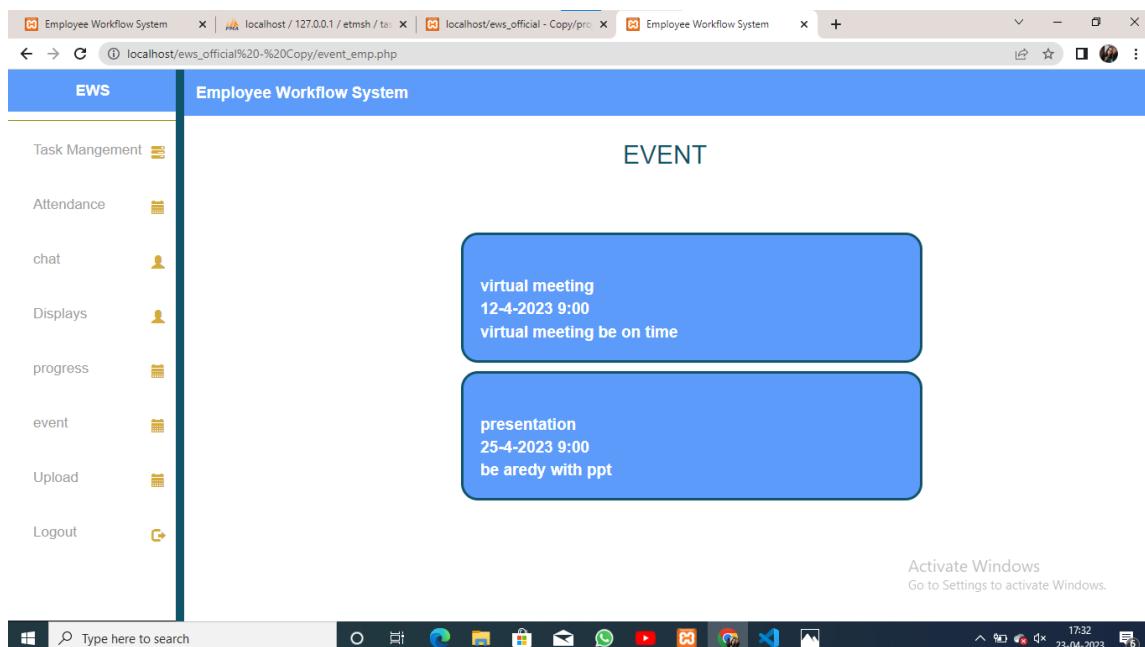


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38_employee progress



39_employee event



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40_upload

The screenshot shows a Microsoft Windows desktop environment. At the top, there is a taskbar with several icons and a search bar. In the center, a Microsoft Edge browser window is open, displaying the 'Employee Workflow System' interface. The page has a blue header bar with the text 'Employee Workflow System'. Below the header, there is a form with the following fields:

- A large text area labeled 'upload file here'.
- A file input field labeled 'select files : Choose File' with the placeholder 'No file chosen'.
- An input field labeled 'Add Task Id' containing the value '32'.
- An input field labeled 'Add Task Name' containing the value 'data entry'.
- A 'submit' button.
- A 'GO BACK' link at the bottom of the form.

At the bottom right of the screen, there is a watermark that says 'Activate Windows Go to Settings to activate Windows.'

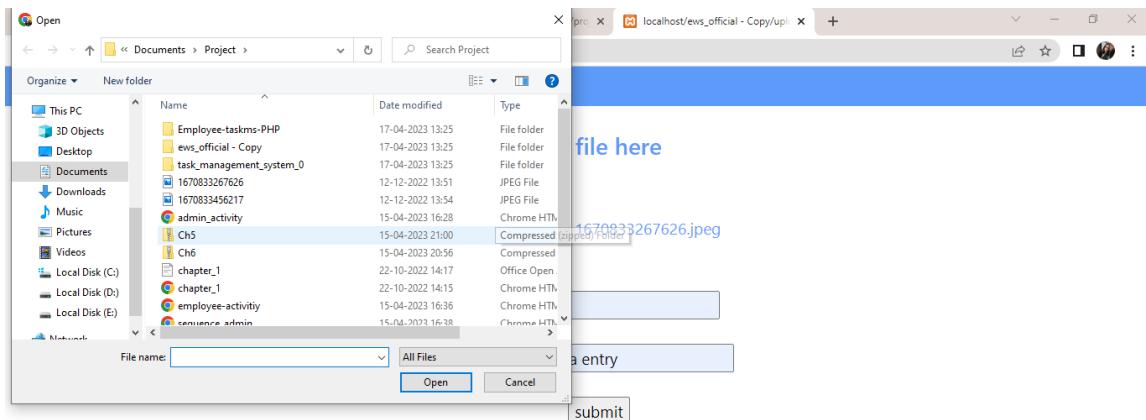
41_upload

The screenshot shows a Microsoft Windows desktop environment, similar to the previous one. A Microsoft Edge browser window displays the 'Employee Workflow System' interface. The form fields are identical to the ones in the previous screenshot, except for the file input field which now contains the value '1670833267626.jpeg', indicating a successful file upload. The rest of the interface and the watermark at the bottom right are the same.

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42_choice file



[GO BACK](#)

Activate Windows
Go to Settings to activate Windows.



43_upload

Employee Workflow System

upload file here

select files :

Add Task Id

Add Task Name

[GO BACK](#)

Activate Windows
Go to Settings to activate Windows.



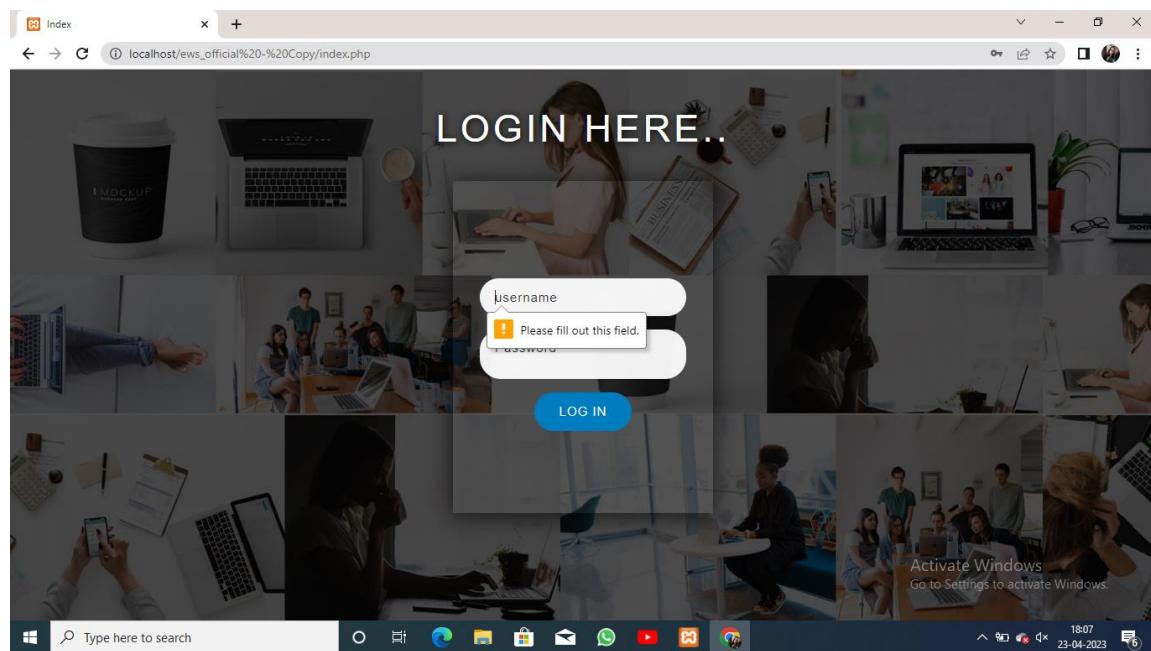
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CHAPTER – 6

TESTING

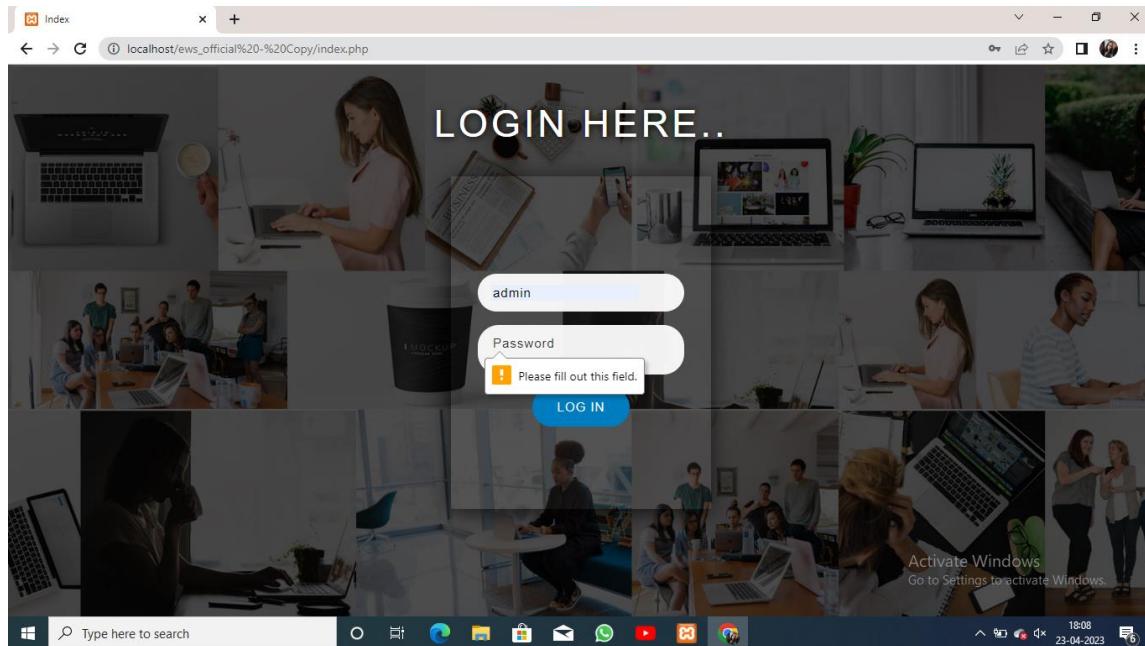
- Login Page Validation

1_login username empty

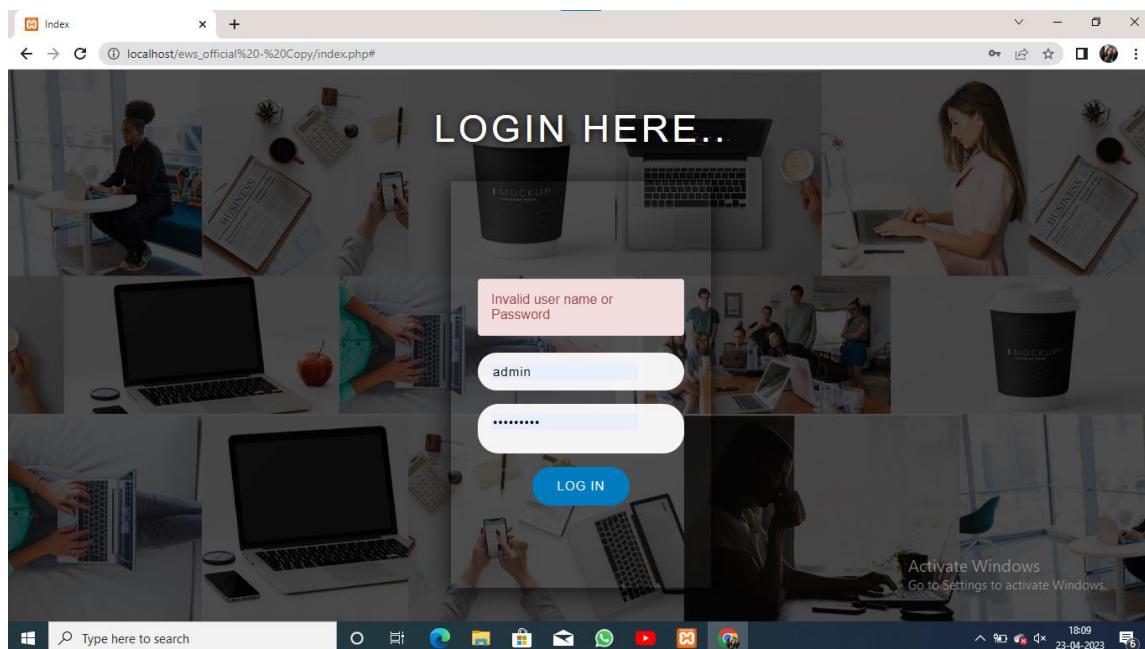


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2_login password empty

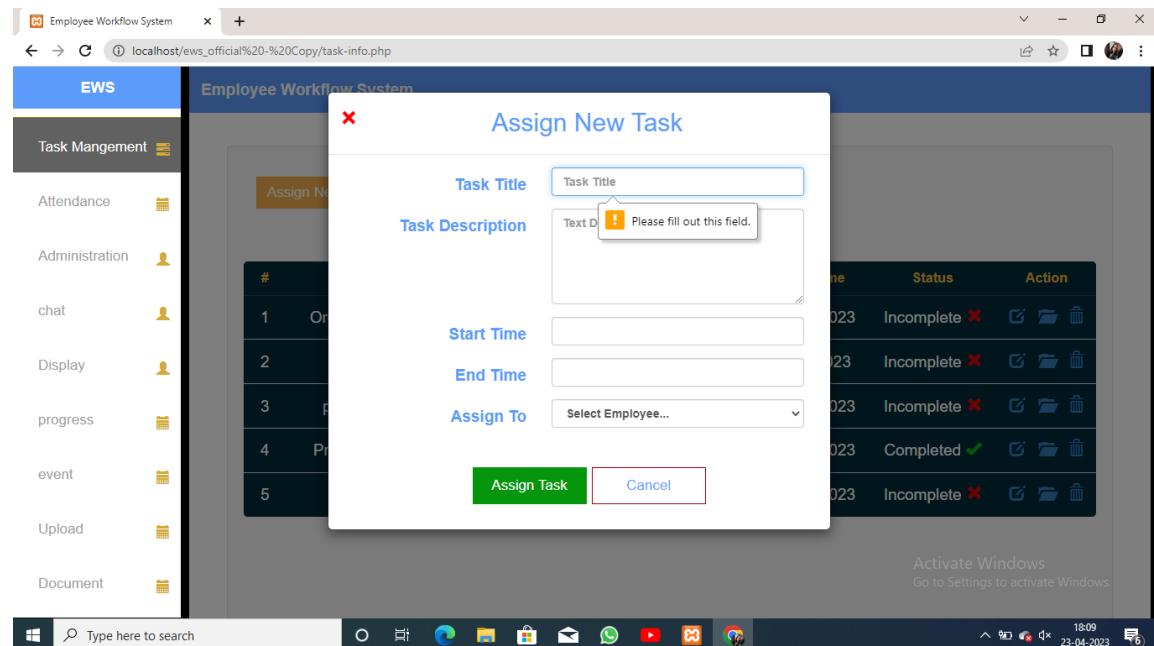


3_invalid

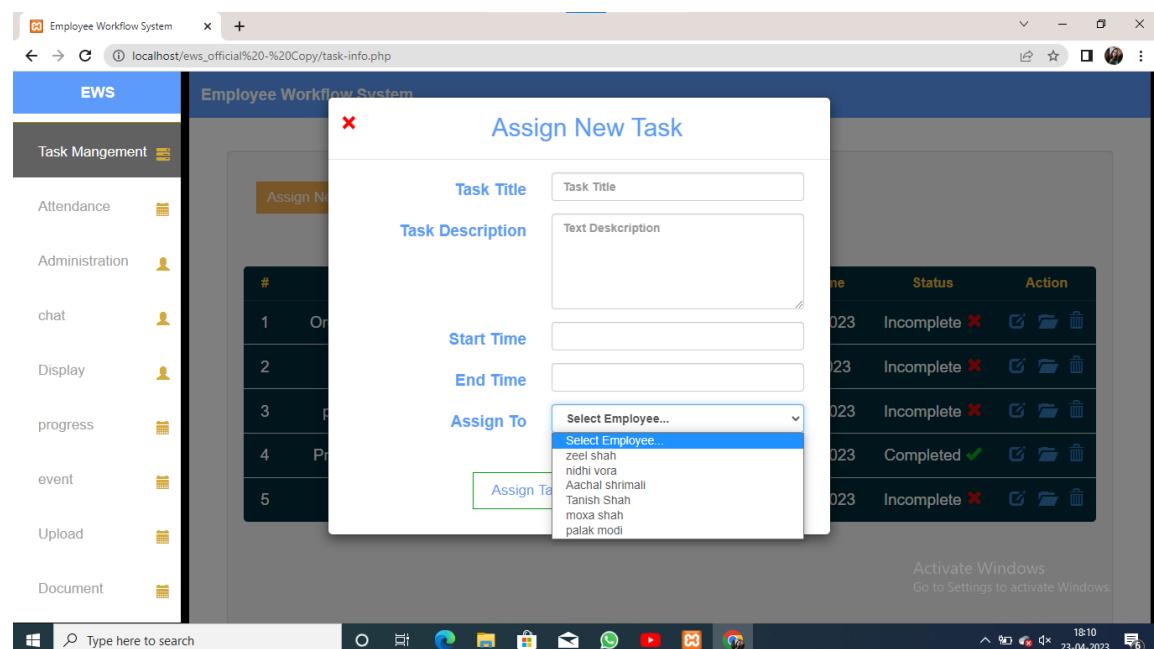


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4_task empty

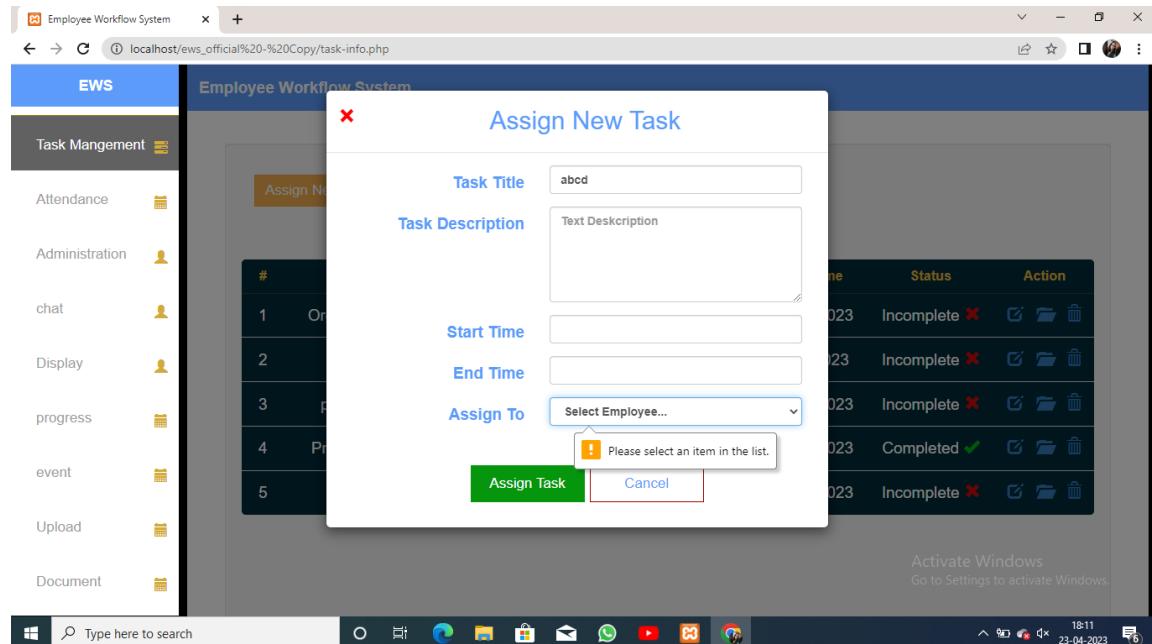


5_selection

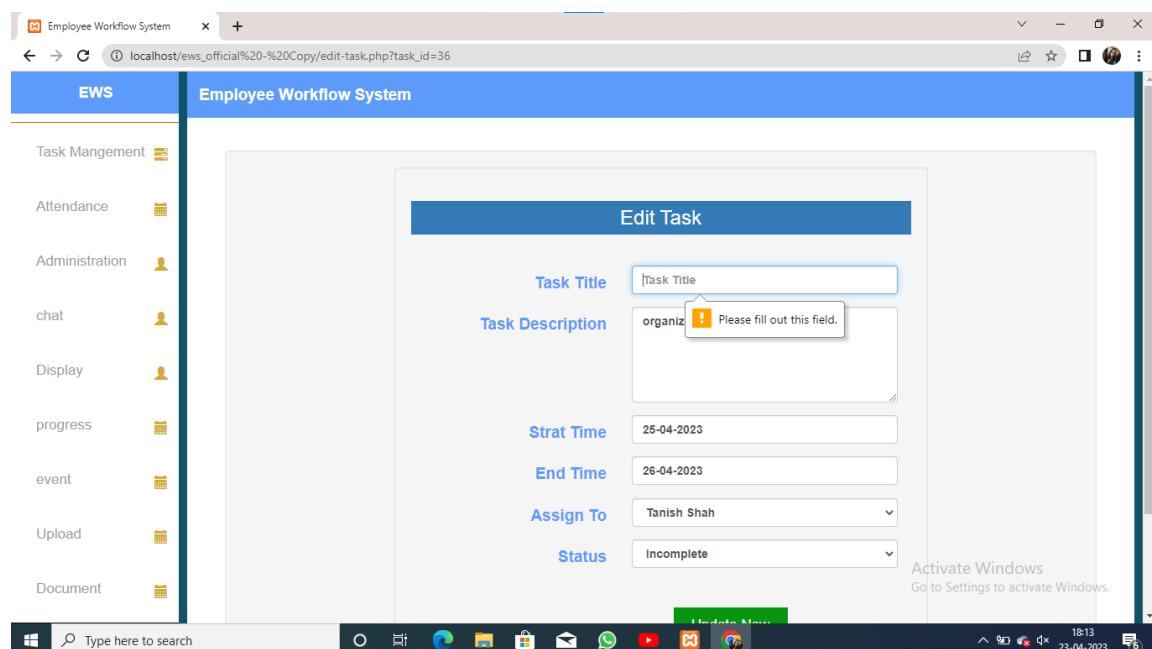


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6_add task empty



7_edit empty



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8_manage admin empty

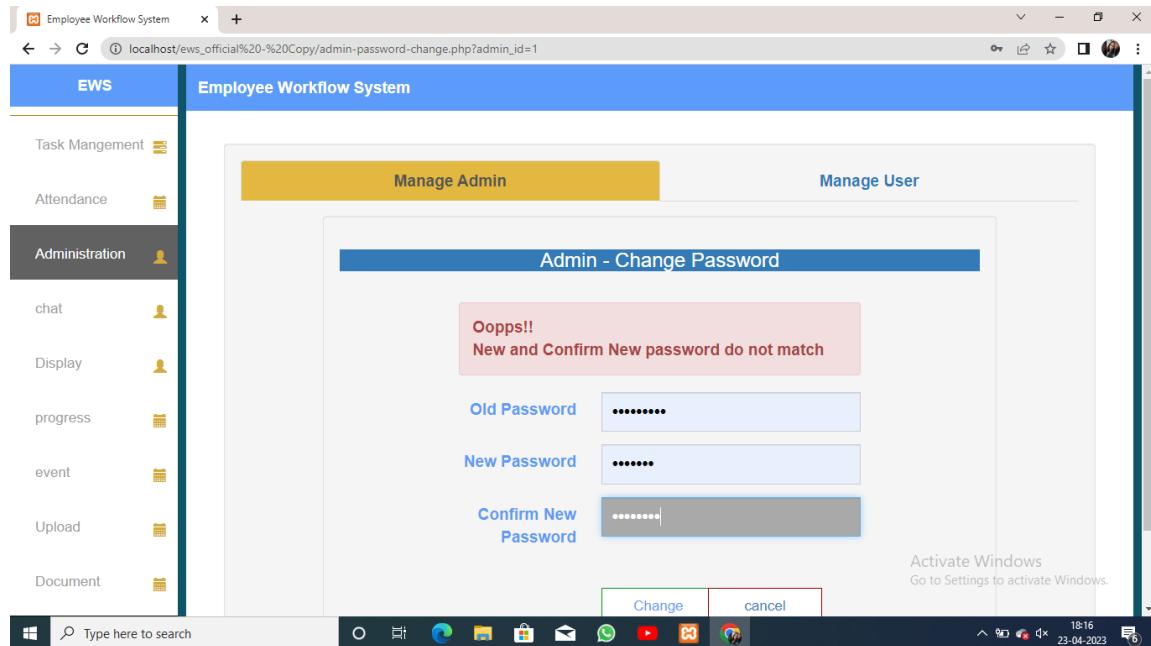
The screenshot shows a Windows desktop environment with a browser window open to the 'Employee Workflow System'. The left sidebar menu is visible, showing various management options like Task Management, Attendance, Administration, Chat, Display, Progress, Event, Upload, and Document. The 'Administration' option is selected. The main content area displays the 'Manage Admin' page with a 'Edit Admin' form. The 'Full name' field is empty and highlighted with a red border, displaying an error message: 'Please fill out this field.' The 'User name' field contains 'admin' and the 'Email' field contains 'admin@gmail.com'. A green 'Update Now' button is at the bottom. The status bar at the bottom right shows the date and time as 23-04-2023, 18:14.

9_edit manage

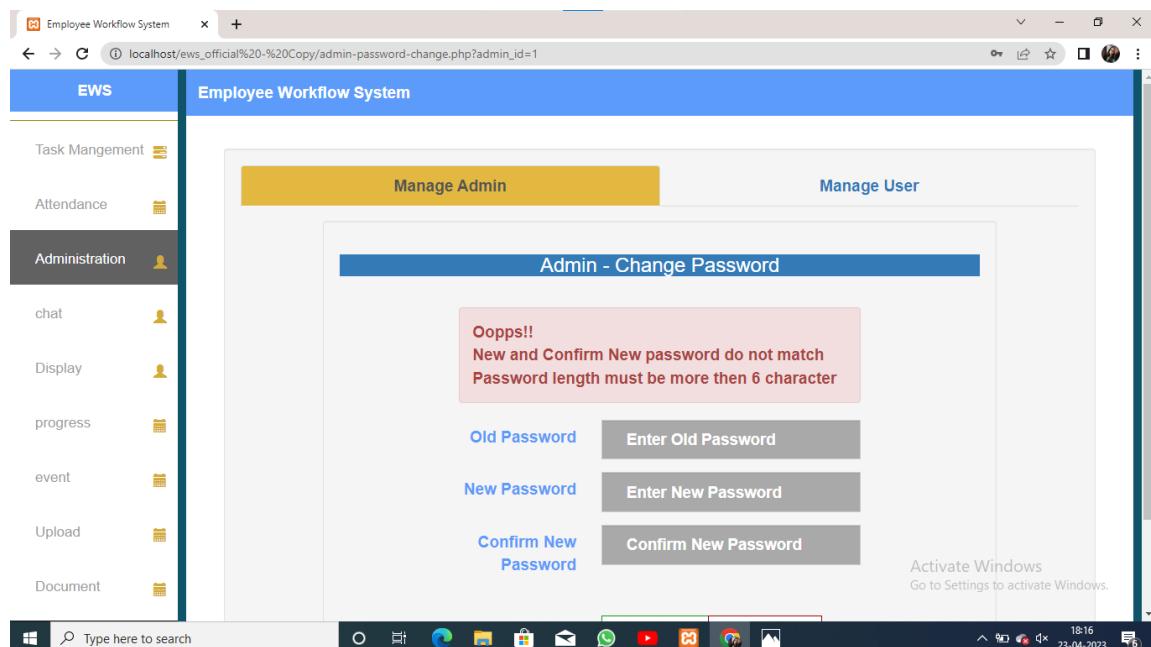
This screenshot is similar to the previous one but shows a different state of the 'Edit Admin' form. The 'Full name' field now contains 'Admin'. The 'User name' field contains 'admin'. The 'Email' field contains 'admi' and is also highlighted with a red border, displaying an error message: 'Please include an '@' in the email address. 'admi' is missing an '@'.' The 'Update Now' button is still present at the bottom. The system status at the bottom right shows 18:39 and 23-04-2023.

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10_change password

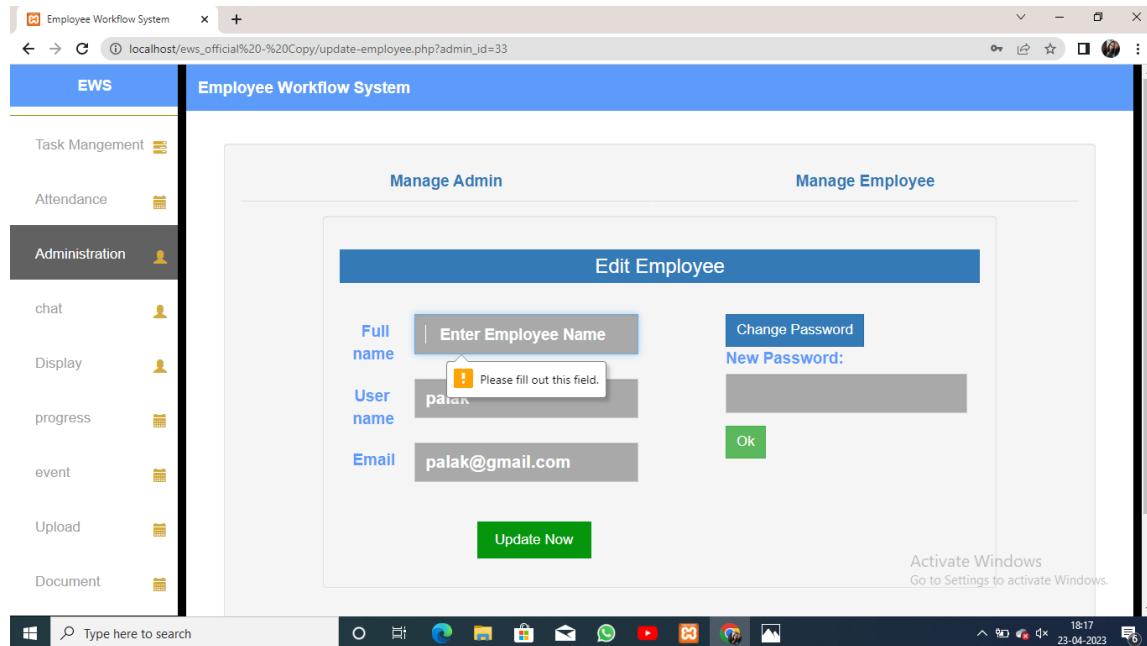


11_change password

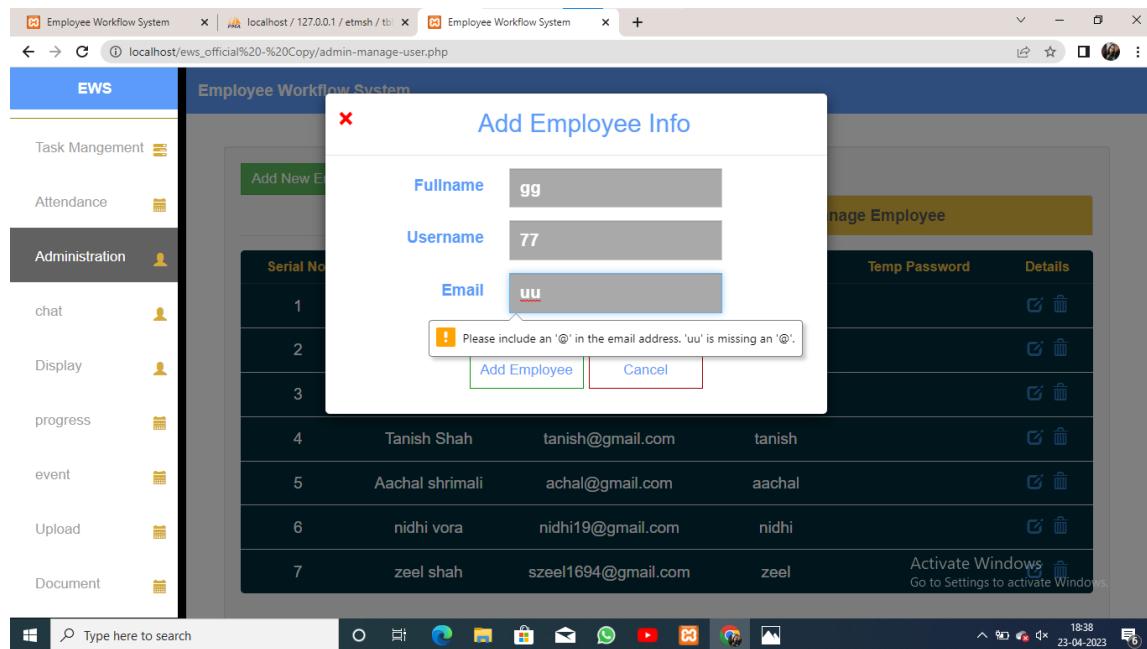


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12_manage emp

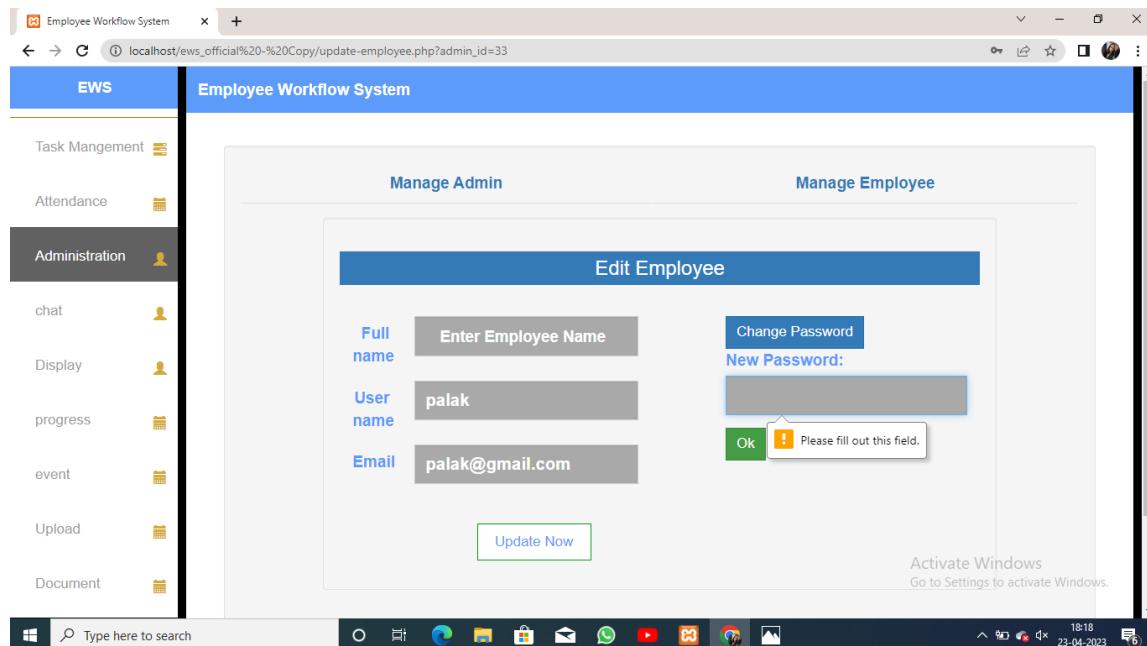


12_2_manage employee

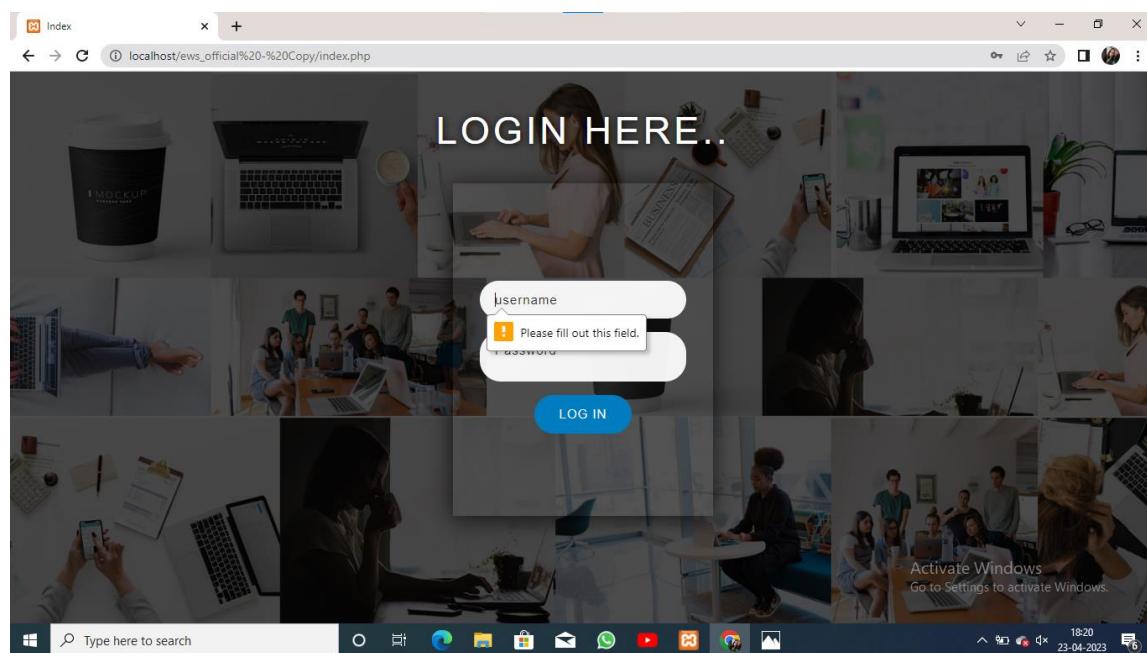


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13_manage employee

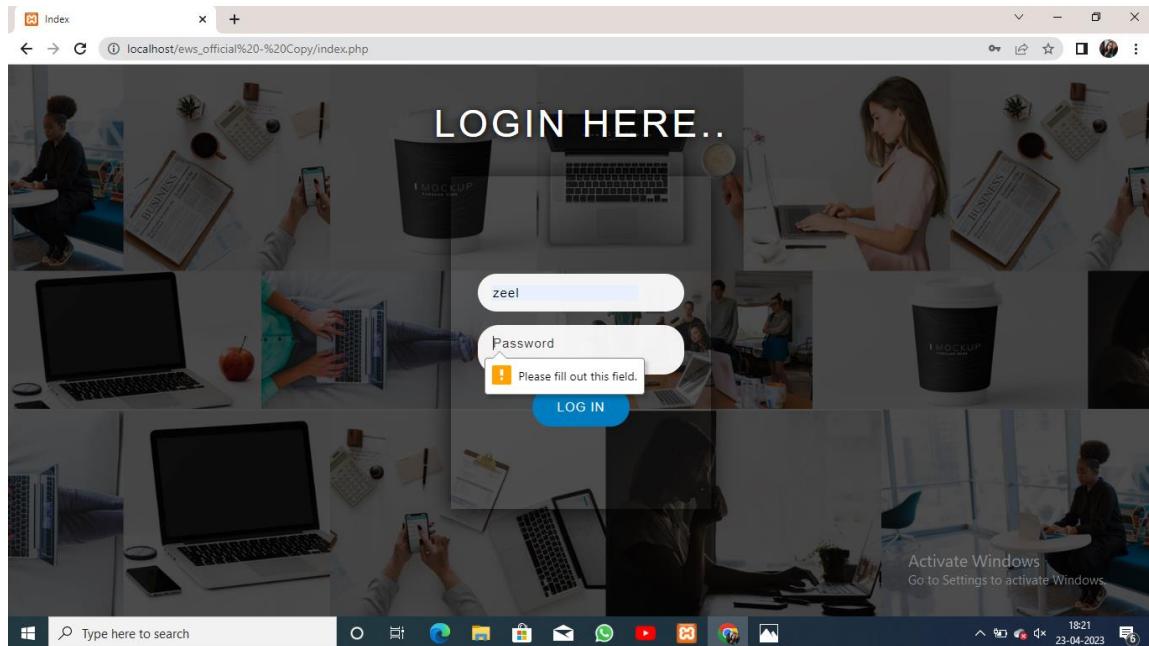


14_employee login

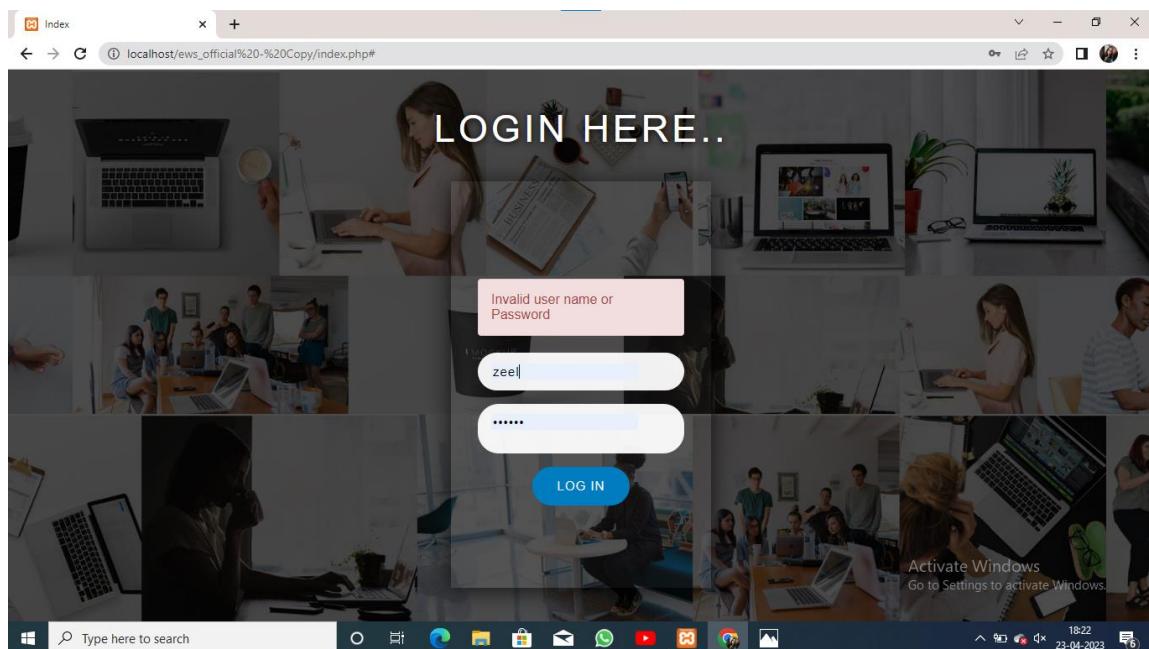


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15_employee login

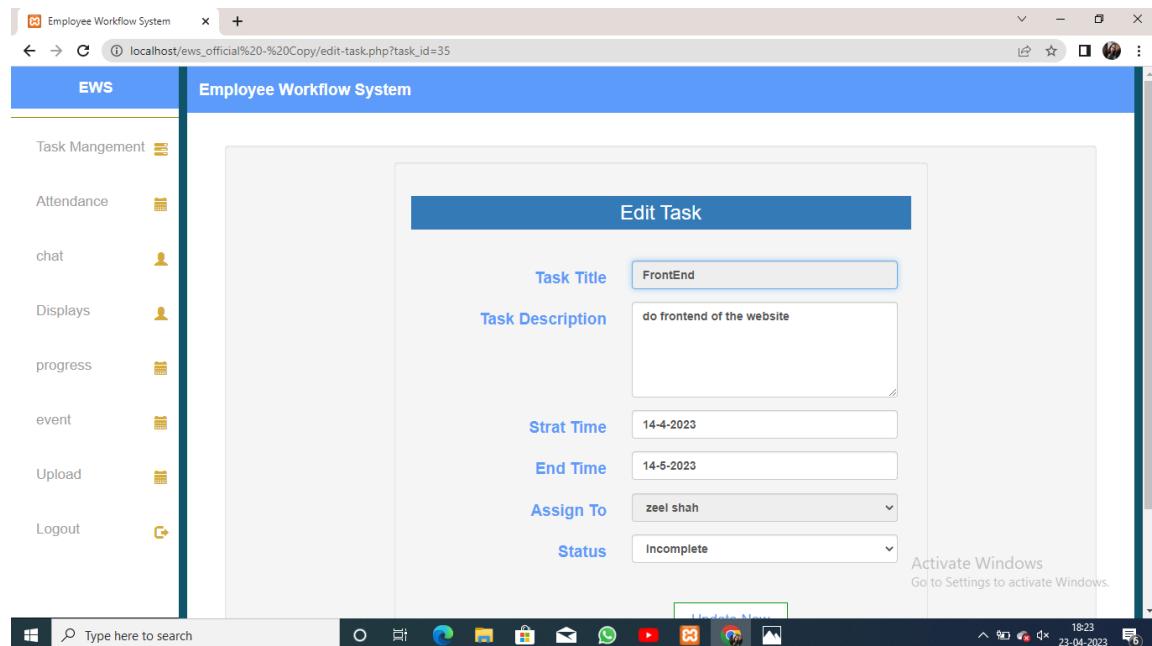


16_invalid

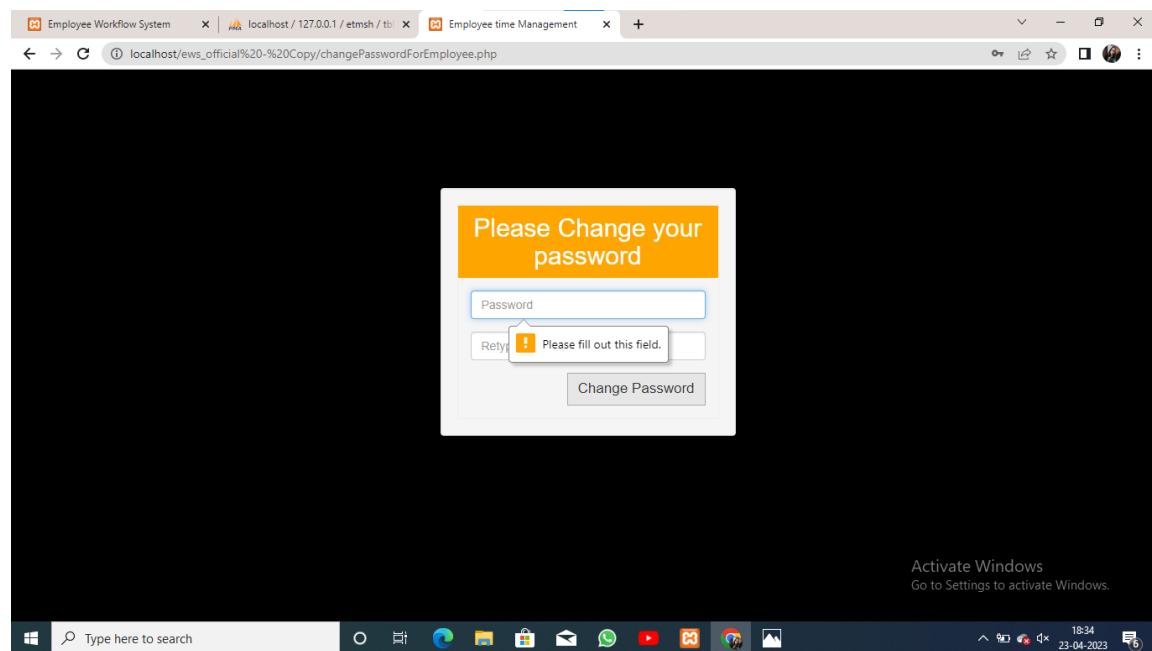


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17_edit task

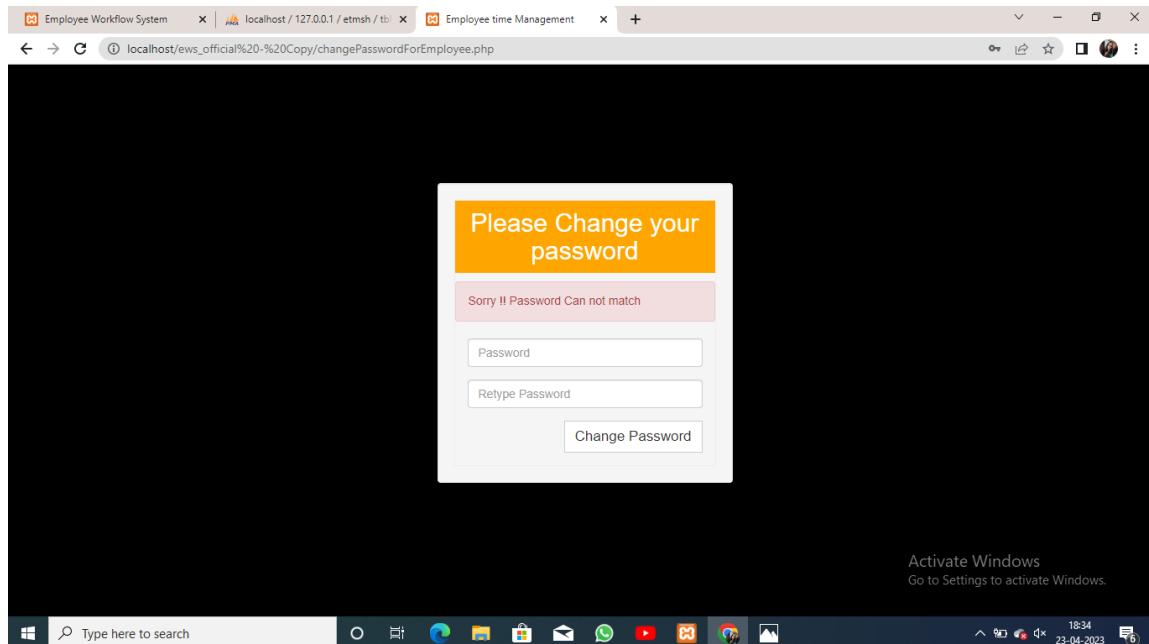


18_new password



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19_invalid password



CHAPTER – 7

SUMMARY

7.1 Assumption: -

- The Users must have basic knowledge of how to use the computer system and internet system.
- They must have knowledge of English Language.
- He / she is able to run the system properly.
- He/she must be a part of the company .

7.2 :- Limitations

- Without internet our system cannot work. Our system does not provide web conferences.
- Currently, other companies cannot use this system as this is currently Developed for a particular company

7.3 :- Future Scope:

7.4 :- Conclusion

- There may be some defects or errors. We have taken enough care to make the project user friendly and more interactive.

Bibliography

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