Software Requirement Specification for TAC Portal

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Project ID	7
Problem Statement	Admin and user dashboard for task portal to view overdue, active and completed task

1. Introduction

1.1. Purpose:

The admin dashboard allows viewing and managing overdue, active, and completed tasks across all users, including user management features. The user dashboard displays individual overdue, active, and completed tasks, with options to manage and prioritize tasks.

2.Scope of Project:

- The project involves developing an admin and user dashboard for a task management portal. The dashboard will enable users to view their tasks categorized as overdue, active, and completed. Admins will have additional capabilities to manage and oversee all tasks and user activities. The objective is to enhance task tracking and improve productivity through a

clear and organized interface.

3. System Requirements Specification:

3.1 Functional Requirements:

- ☐ **User Interface Design:** The dashboard should have an intuitive and user-friendly interface, ensuring easy navigation and accessibility for both administrators and users.
- ☐ **Performance:** The system should be responsive and capable of handling multiple concurrent users without significant lag or downtime, ensuring efficient task management even during peak usage periods.
- ☐ **Security:** Robust security measures, including user authentication, data encryption, and access control, should be implemented to safeguard sensitive task information and prevent unauthorized access or data breaches.
- ☐ **Scalability:** The system should be designed to accommodate future growth and scalability requirements, allowing for seamless expansion as the user base and task workload increase over time.
- ☐ **Reliability:** The task portal should be highly reliable, with minimal system failures or errors, to ensure uninterrupted access to task data and maintain user trust and satisfaction.

3.2. Non-Functional Requirements:

- ☐ **Security:** Protect the task portal from hackers and unauthorized access by using strong passwords, encryption, and permission controls. This keeps users' task information safe and confidential.

- ☐ **Performance:** Ensure the task portal works smoothly even when many people are using it at the same time. This means tasks load quickly, and users can move around the dashboard without delays.
- ☐ **Scalability:** Make sure the task portal can grow with the number of users and tasks without crashing or slowing down. This means it can handle more users and tasks as needed without any issues.

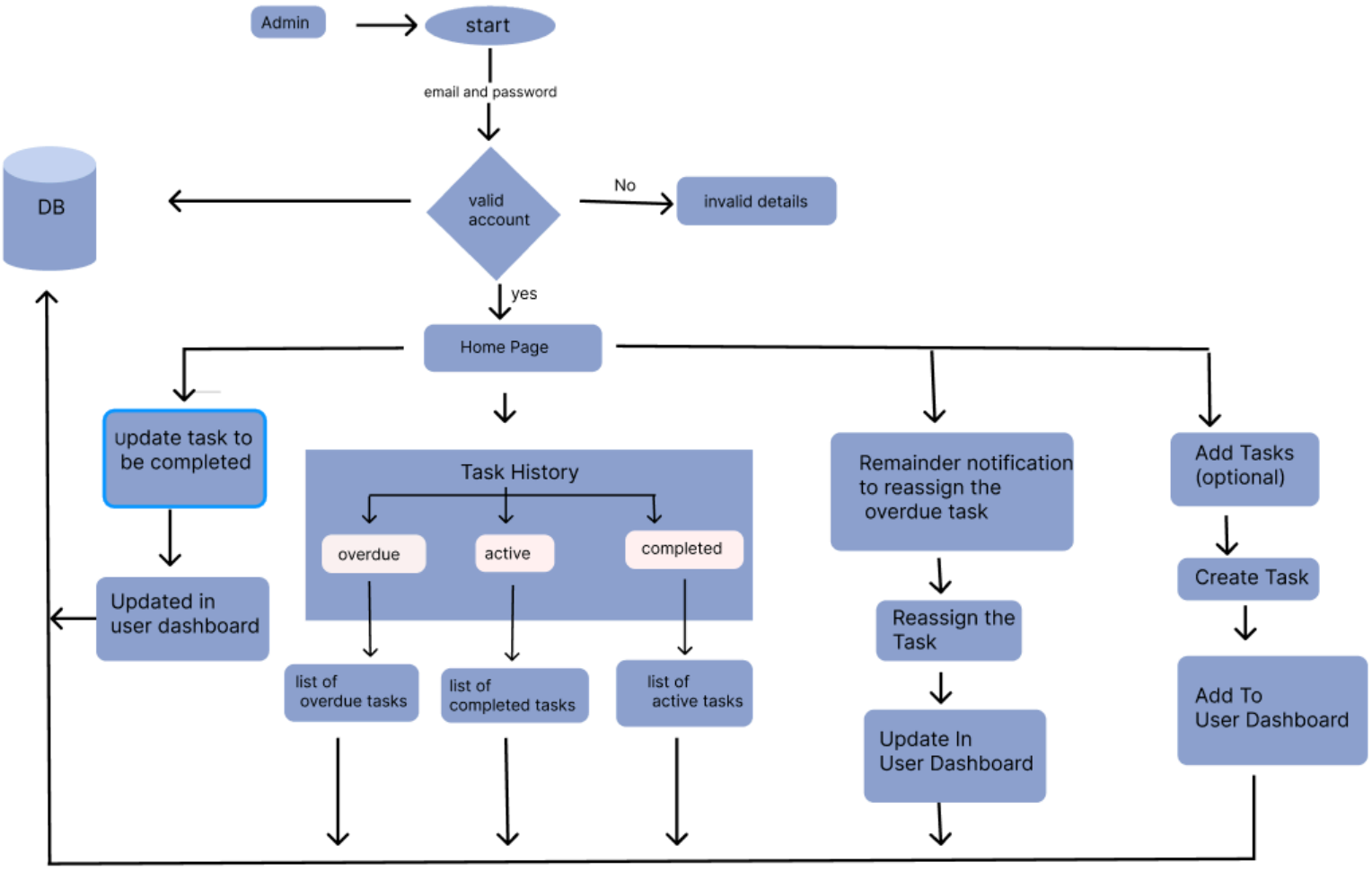
- ☐ **Usability:** Design the task portal to be easy to use for everyone, with simple menus and buttons. This helps users find what they need quickly and complete tasks efficiently.
- ☐ **Compatibility:** Make sure the task portal works well on different devices and web browsers, so users can access it from anywhere. This means it looks good and works smoothly on computers, tablets, and smartphones.
- ☐ **Documentation:** Provide clear instructions and guides for using the task portal, including how to navigate it and troubleshoot any issues. This helps users understand how to use the portal effectively and assists administrators in maintaining the system.

3.3. Constraints:

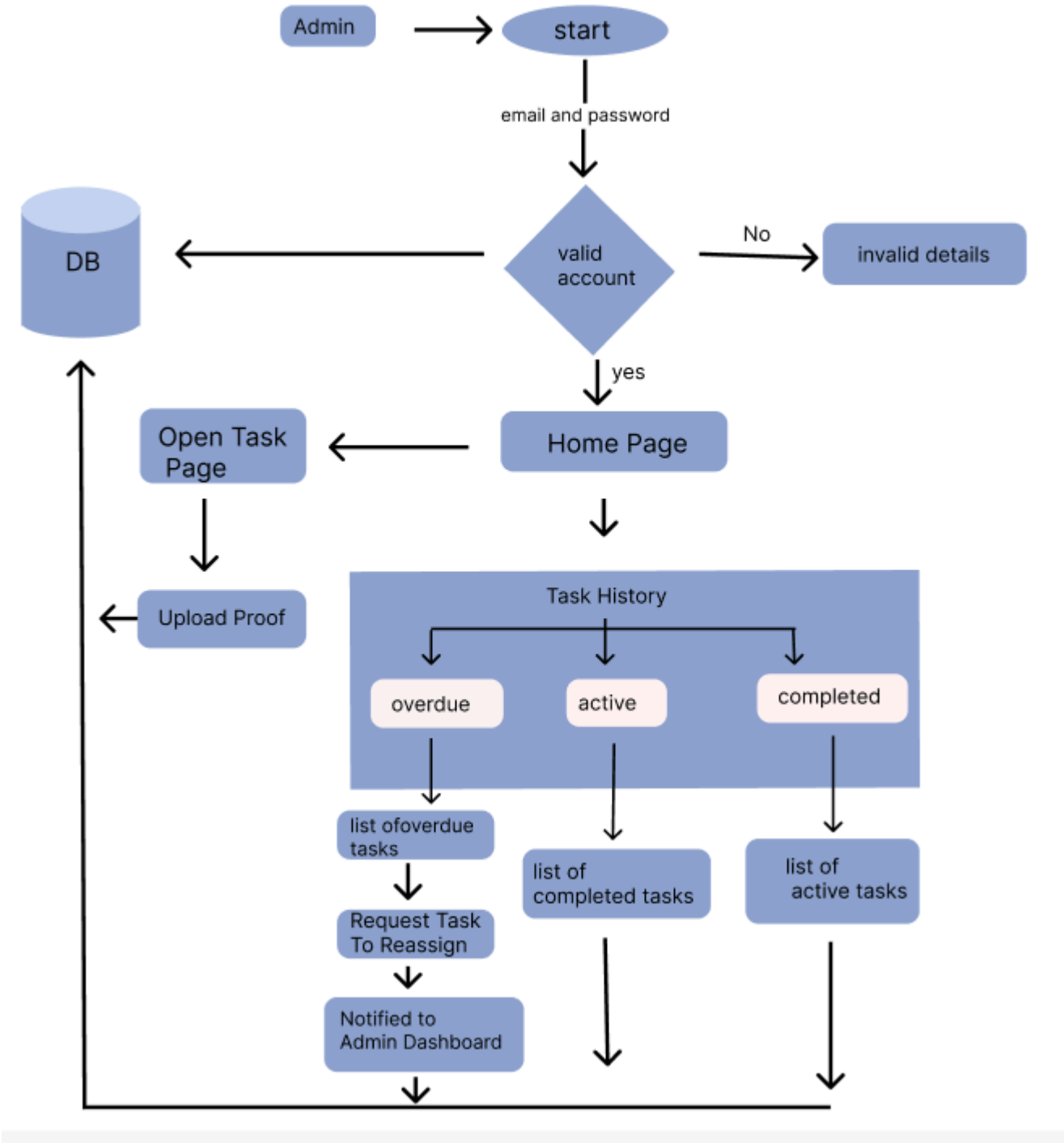
- ☐ **Time:** Adhere to deadlines for each development phase, ensuring timely completion of the task portal and keeping the project on track.
- ☐ **Technology Stack:** Employ appropriate technologies that meet project requirements, ensuring compatibility and efficiency throughout development.
- ☐ **Regulatory Compliance:** Ensure the task portal complies with data privacy and security regulations, mitigating legal risks and protecting user information.

Prototype of the project:

1.Admin Interface



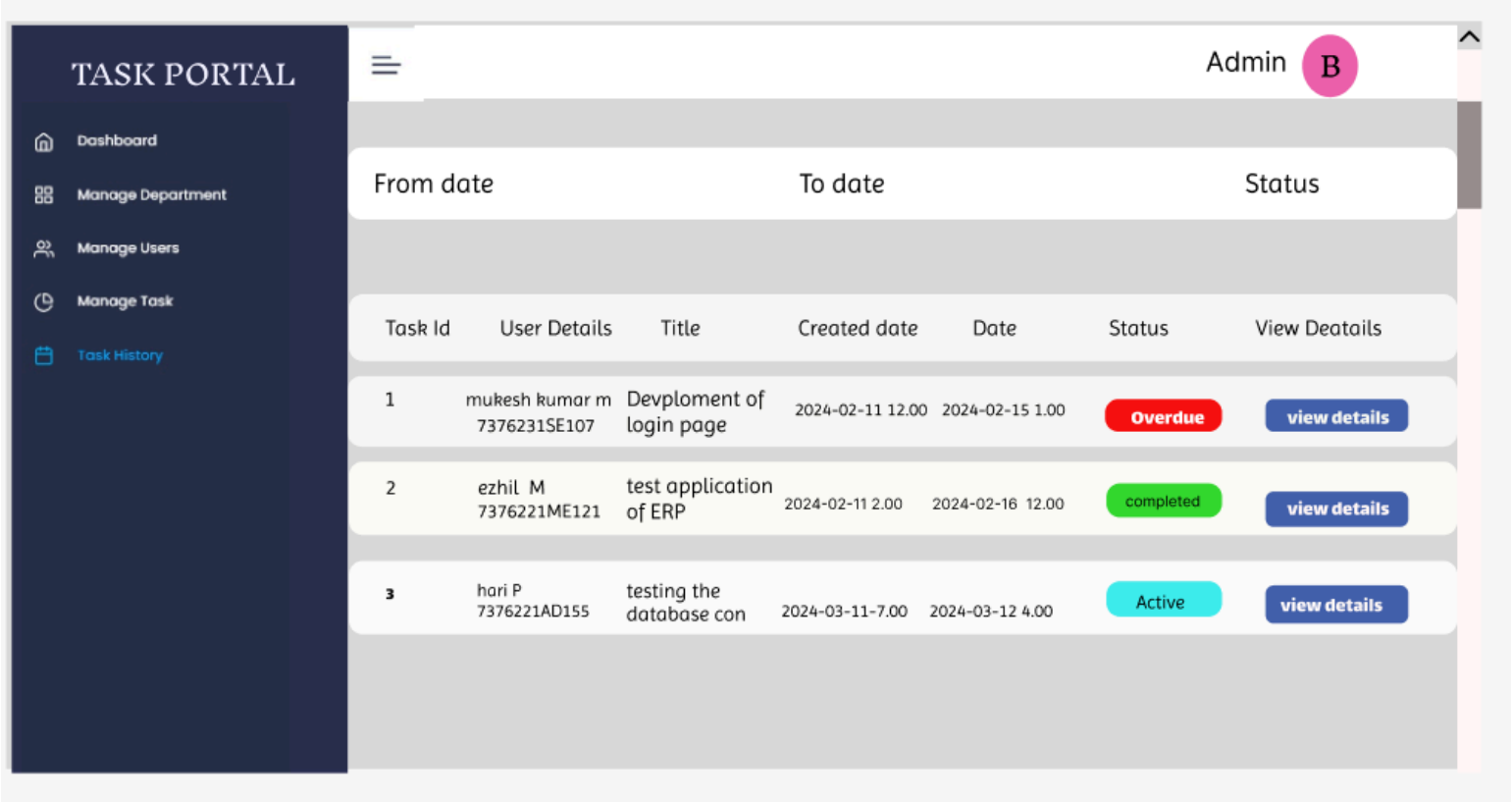
2.User Interface:



3. Login form:


LOGIN IN
BANNARI AMMAN
PUBLIC SCHOOL
Stay Ahead
Email
banupriya.se22@bitsathy.ac.in
Password
signin with your BIT account
sign up
signin with google

4.Admin View:


TASK PORTAL
Dashboard
Manage Department
Manage Users
Manage Task
Task History
Admin
B
From date
To date
Status
Task Id
User Details
Title
Created date
Date
Status
View Deatails
1
mukesh kumar m
7376231SE107
Devploment of login page
2024-02-11 12.00
2024-02-15 1.00
Overdue
view details
2
ezhil M
7376221ME121
test application of ERP
2024-02-11 2.00
2024-02-16 12.00
completed
view details
3
hari P
7376221AD155
testing the database con
2024-03-11-7.00
2024-03-12 4.00
Active
view details