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PROJECT THE EXECUTIVES WEB APPLICATION

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ABSTRACT

Some of the most spectacular and expensive project failures in modern history have been brought on by the software industry's unprecedentedly fast growth. The methods and techniques used in software development projects for risk management may be better understood by examining how project management is presented in academic journals. Effective project use is essential to maintain competitiveness because project-based outcomes have become the norm for most organizations. Aspects of the use of project management tools and efficient project management continue to be misunderstood, despite technological advancements and a focus on leadership and understanding effective teamwork. By performing a non-experimental content analysis, this project offers the best web application tool available to those in charge of software development projects.

Keywords: Project Management, Software Development, Tasks.

I. INTRODUCTION

These days, the market for software products is flooded with a variety of facilities that implement network-planning techniques, from massive professional systems to systems that efficiently manage your working time, finances, and resource allocations.

The principal undertakings of the organization ,which carries out the venture the board techniques are:

1. An organization's business processes being automated.
2. To register the software with a specific corporation.
3. The incorporation of software.
4. A corporation's staff's training.

A web-based project management and issue tracking system called PRESIDENCY can be tailored to support any kind of business process or workflow. This includes elements of an agile methodology for teams developing software.

The grouping of tasks into brief development cycles known as sprints is the foundation of the agile methodology. Runs regularly last somewhere in the range of two and a month. Each sprint concludes with a review meeting to make sure the team has achieved its objectives, followed by a retrospective meeting to reflect and identify ways to advance. Any issues that remain are added to the backlog so they can be assigned to upcoming sprints.

Gathering functional requirements and usage scenarios, establishing the project's scope, and organizing the sprints are the first steps in a scrum project. The team gathers to rank the stories and designate the most important tasks for the initial sprint.

Calendar

Time Sheet

Portfolio

Test Management

View

Sign on

Traceability

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II. METHODOLOGY

System architecture:

All system operations are displayed in the system architecture diagram. Additionally, it demonstrates the system's and its component's overall structure.

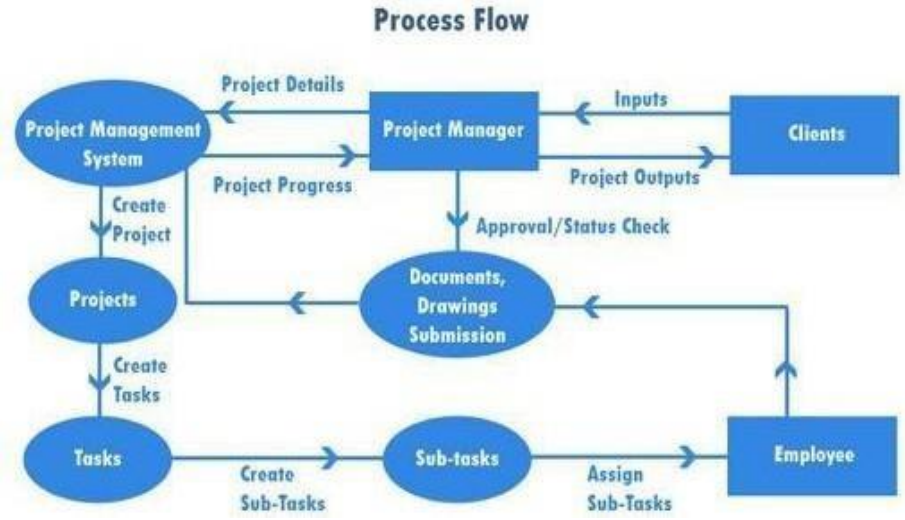

Figure 1: System Architecture Diagram

ER-Diagram:

A system's various types of modules are depicted in an ER-diagram.

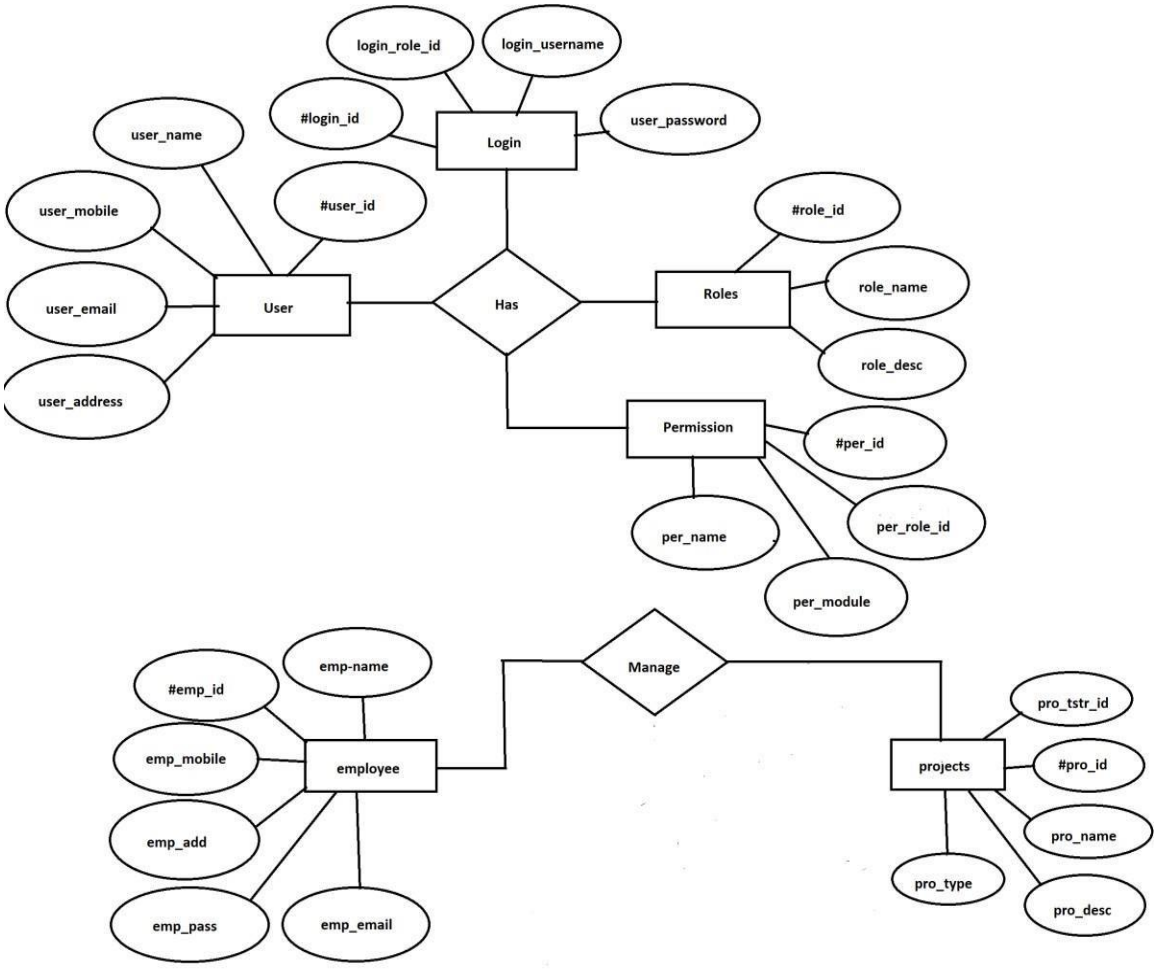

Figure 2: ER-diagram

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III. MODELING AND ANALYSIS

The below table describe the modules of the Presidency project.

Table 1: Modules Description

Sr. No.	Module Name	Description
1	Projects	• Organize your work into shared projects as lists for your initiatives, meetings, and programs.
2	Subtasks	• Separate an errand into more modest parts, or show extra moves toward complete a huge undertaking.
3	Calendars	• See any rundown of errands on a schedule to get a reasonable perspective on when work is.
4	Dashboard	• Gives custom ongoing diagrams to assist you with understanding where work might be hindered or off course, with the capacity to trade graphs.

IV. RESULTS AND DISCUSSION

This project's results are exactly what were anticipated, and they meet all the necessary specifications. The screenshots below show the user interface and the various other system functionalities in exact result.

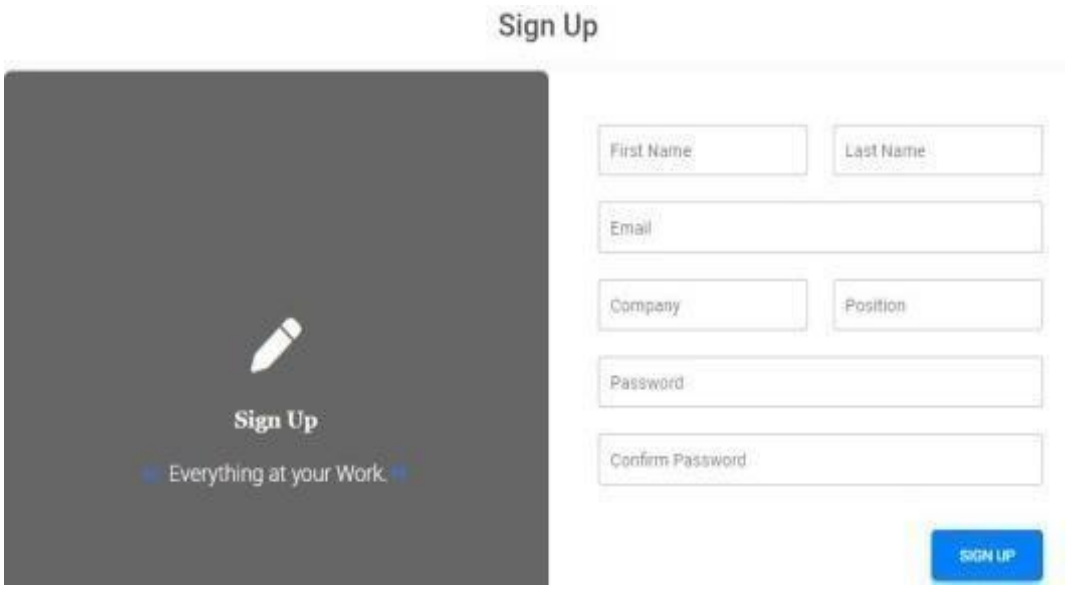

Figure 3: User Login Page

Sign Up

Administration Application gives usefulness to keep up with clients and gathering to give admittance to different clients. Client can be made in Administration Application utilizing name or email id. This approach was turned out great for little group where Administration administrator can keep up with clients and their entrance. Associations are pursuing simplicity of these bottlenecks.

To give consistent experience to clients, applications are being created with Single Sign On a highlight that makes application taking qualifications from operating system.

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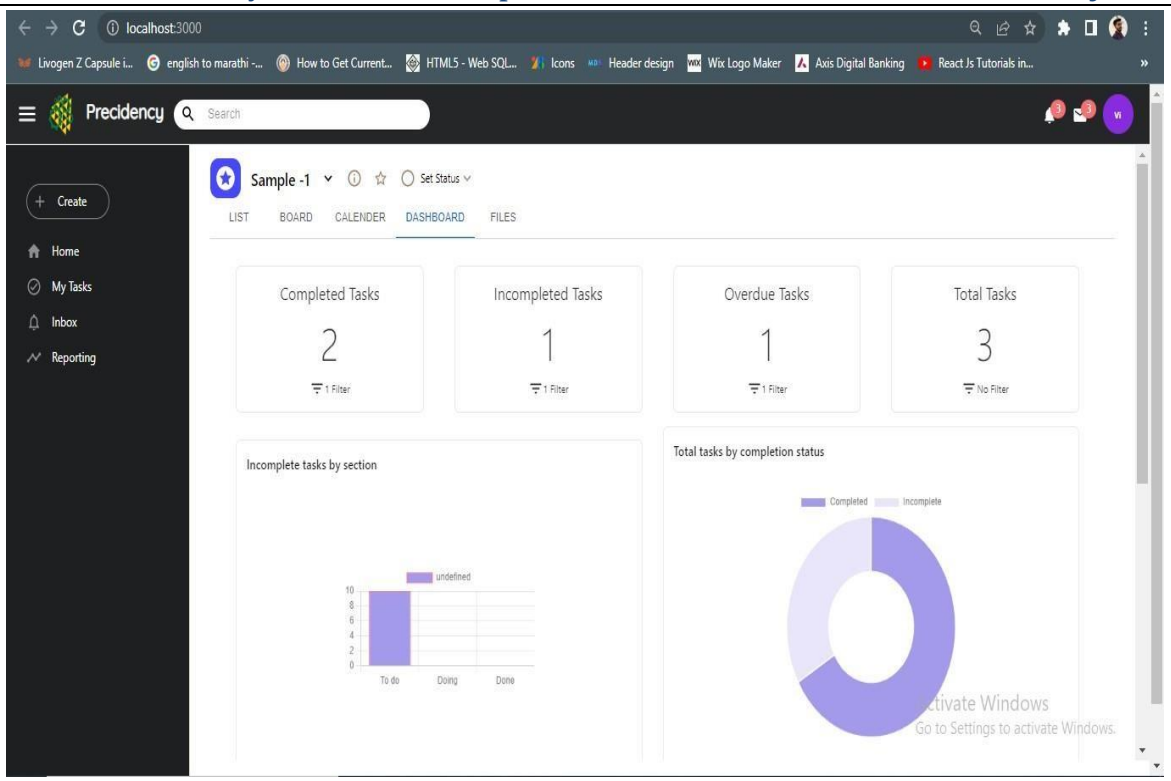

Figure 4 : Dashboard

View

In complex group structure scale is high in groups of deliverable things, number of groups working in equal or group size is huge; there is a distinct need of a visual portrayal of expectations which shows client first methodology. As a venture director, one ought to have the option to view and show the elements as far as Legends, stories connected with that epic alongside subtask. Here and there, Stories are additionally connected with one another which implies one story can't be conveying until subordinate story is finished. Intricacy of issue increment with level of reliance.

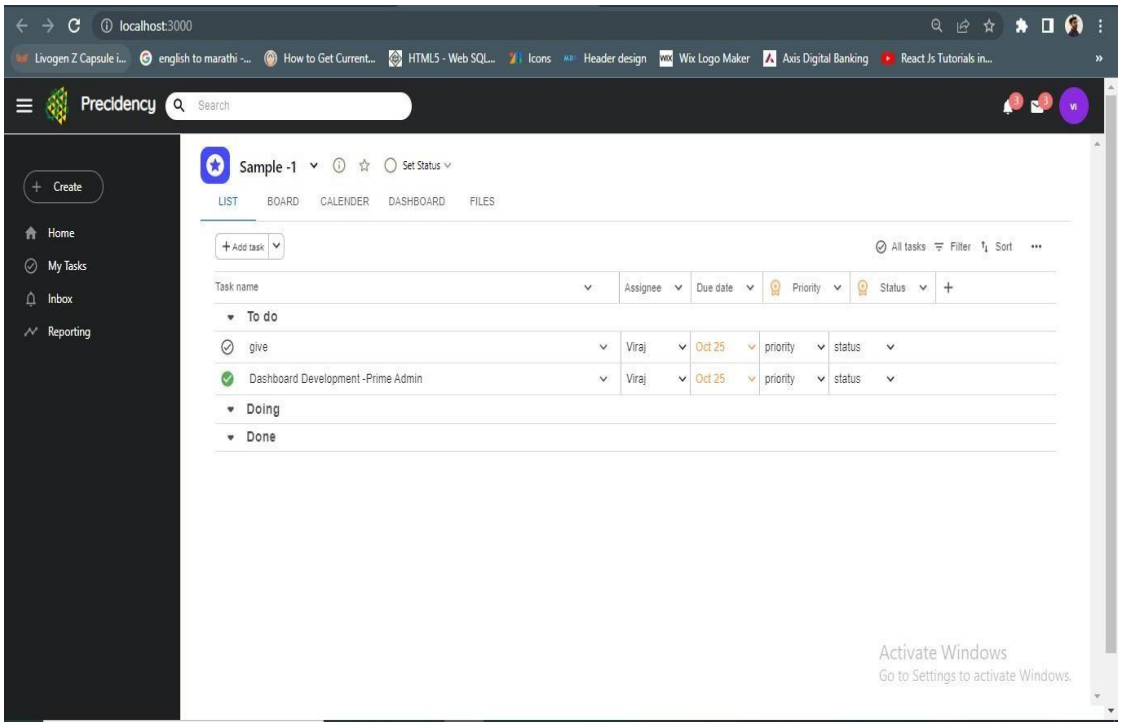

Figure 5: List.

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Test Management

Nature of a product application is extremely basic part of conveyance. There are devices which are explicitly intended for following testing exercises/antiques like experiments, test plan, test execution and so on. These exercises function admirably just when there is a different testing group which test applications created by various groups. In any case, with development of present day models like lithe, testing is performed by individuals inside conveyance group, consequently there comes a requirement for instrument that can give elements to follow improvement as well as testing errands.

Administration is utilized to follow improvement and undertaking the executives assignments, while it doesn't locally give highlights to follow testing exercises like test plan , test execution cycle, test cases

Calendar

Nature of a product application is extremely basic part of conveyance. There are instruments which are explicitly intended for following testing Schedule gives include that improve the time and date following component to extraordinary degree and assist both Conveyance Supervisors and Portfolio administrators who handles financial plan with team and execution.

See any rundown of undertakings on a schedule to get an unmistakable perspective on when work is.

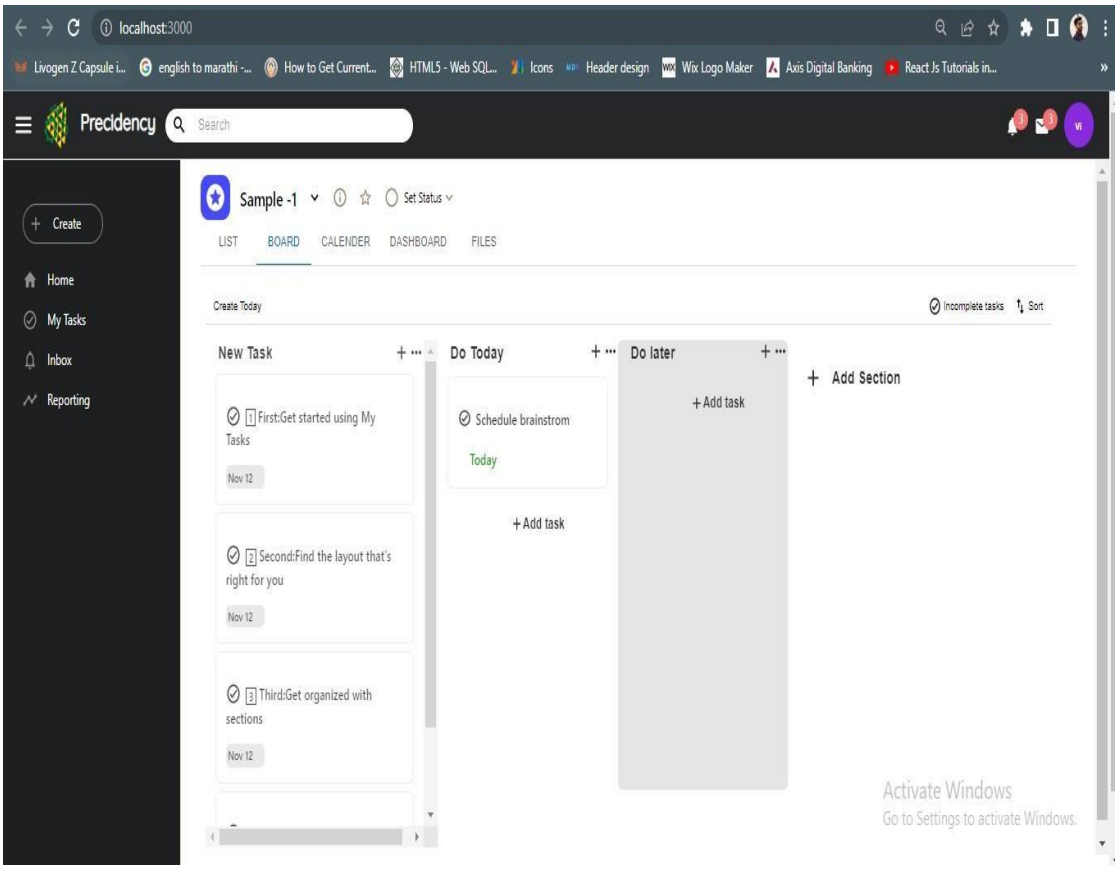

Figure 6: Board

V. CONCLUSION

In conclusion, the Presidency - Project Management web application System has been deployed and implemented successfully. The gap between the development and operations teams is filled by this web application. The software development process is optimized with the aid of this application. This web application allows for the analysis of various software development phases and situations. Employee increasing the automation capabilities while easing the burden of manual data entry or record creation. These advantages increased productivity and decreased costs. We think that increasing their effectiveness and productivity will be accomplished through the Presidency web application. Our research is intended to help businesses and organizations.

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VI. REFERENCES

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