

A Combined Platform for Meeting and Collaboration in the Learning Ecosystems

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Abstract:- The effectiveness of software projects hinges on smooth information exchange among different teams involved, including project managers, team members, developers, designers, and clients. Given that many software companies handle multiple projects simultaneously, there's a pressing need for streamlined project management and virtual collaboration. Manual oversight of students' final year projects is arduous. This project seeks to develop an automated system for overseeing student activities, offering functionalities for project management, supervision, monitoring, and virtual teamwork. This system caters to the needs of students, project coordinators, and guides by facilitating seamless sharing and interaction.

Keywords:- Project Management System, PMS, Meetings, Collaborative Learning System.

I. INTRODUCTION

Improving an organization's handling of projects, from planning to execution and monitoring, is possible through the integration of a project management system (PMS), a comprehensive software solution. Acting as a centralized platform, it fosters effective teamwork, resource management, and informed decision-making.

A PMS's main function is to assist enterprises in navigating the intricacies of project management with the use of strong tools. It gives teams the authority to specify project goals, allot resources, set deadlines, monitor development, and guarantee successful project completion.

An organization might need a mode to virtually uphold discussions and share their data. While many platforms provide such services of data sharing but don't have a feature to schedule meetings over the system. On the other hand, the systems that provides meeting features cannot share data.

The approach is thus based on the idea of having a system that combines these features and provides a collaborative learning system.

➤ Research Gaps

Despite searching through numerous programs and conducting surveys, there was no specific project management system that could offer features for uploading and sharing data while keeping track of the members and enabling them to hold meetings among themselves.

➤ Aim

To design and develop a Project Management System (PMS) that showcases online meeting and management capabilities while providing users with a platform to collaboratively work together and share the data.

➤ What Constitutes A Project ?

In accordance with BS ISO 10006:1997, a project can be delineated as a unique endeavour encompassing a sequence of coordinated, monitored, organized, and supervised tasks with explicit initiation and conclusion points. The primary objective of any project is to fulfil predetermined criteria, while it should meet specific requirements, undertaking the steps to achieve those objectives also considering factors like time, budget, and available resources [1].

Virtual Collaboration Manual

AN Whitehead



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Table of Contents Virtual Collaboration Manual

1. Understanding the eBook Virtual Collaboration Manual
 - The Rise of Digital Reading Virtual Collaboration Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Virtual Collaboration Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in a Virtual Collaboration Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Virtual Collaboration Manual
 - Personalized Recommendations
 - Virtual Collaboration Manual User Reviews and Ratings
 - Virtual Collaboration Manual and Bestseller Lists

5. Accessing Virtual Collaboration Manual Free and Paid eBooks
 - Virtual Collaboration Manual Public Domain eBooks
 - Virtual Collaboration Manual eBook Subscription Services
 - Virtual Collaboration Manual Budget-Friendly Options
6. Navigating Virtual Collaboration Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Virtual Collaboration Manual Compatibility with Devices
 - Virtual Collaboration Manual Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Virtual Collaboration Manual
 - Highlighting and Note-Taking Virtual Collaboration Manual
 - Interactive Elements Virtual Collaboration Manual
8. Staying Engaged with Virtual Collaboration Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Virtual Collaboration Manual
9. Balancing eBooks and Physical Books Virtual Collaboration Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Virtual Collaboration Manual
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Virtual Collaboration Manual
 - Setting Reading Goals Virtual Collaboration Manual
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Virtual Collaboration Manual
 - Fact-Checking eBook Content of Virtual Collaboration Manual
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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