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ABSTRACT

Personalized Learning Platform using Artificial Intelligence is a web-based system designed to deliver tailored learning experiences to students, enhancing their educational journey by offering personalized study material recommendations. The platform leverages artificial intelligence to analyze each student's learning behavior, preferences, and performance data to generate customized content that aligns with their academic needs.

The system comprises three main modules: **Admin**, **Teacher**, and **Student**.

The **Admin** is responsible for managing the platform, overseeing the system's operations, and viewing analytical data such as student progress and AI-generated insights. Teachers can upload educational content, monitor students' performance, and provide personalized feedback based on AI-driven suggestions. Students, the core users of the platform, receive study recommendations in real-time, track their progress, and access tailored materials that help them improve their learning outcomes.

Future Updates :

This innovative platform utilizes machine learning algorithms to predict students' future performance and adapt the learning content dynamically to optimize their learning experience. With this system, both teachers and students benefit from AI-powered insights, fostering a more effective and engaging learning environment.

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1. INTRODUCTION

1.1 Background

In today's world, education plays a crucial role in shaping the future of individuals and society. However, traditional education systems often fall short in addressing the individual needs of students. The lack of personalized attention, rigid learning structures, and a one-size-fits-all approach hinder many students from achieving their full potential. With the rapid advancements in technology, particularly in artificial intelligence (AI), there is a growing opportunity to enhance education by providing personalized learning experiences.

AI-powered platforms have the potential to analyze students' learning behaviors, adapt to their needs, and offer customized learning paths that cater to individual strengths and weaknesses. These platforms can significantly improve learning outcomes, engage students more effectively, and reduce the workload on educators by automating certain tasks, such as content recommendations and performance tracking.

1.2 Introduction

The **Personalized Learning Platform using Artificial Intelligence** addresses these challenges by offering an AI-driven educational system that tailors learning experiences to each student. The platform provides real-time recommendations of study materials, personalized feedback, and insights based on the student's learning patterns and progress. Teachers can track students' performance, upload educational content, and use AI-generated insights to guide students more effectively.

The system consists of three main modules: Admin, Teacher, and Student. The **Admin** oversees the entire system, managing users and accessing AI-powered analytics. **Teachers** can upload materials, monitor student progress, and provide feedback with the help of AI. **Students** interact with the platform to receive personalized study recommendations, track their learning progress, and access real-time feedback on their performance.

This system leverages machine learning algorithms to predict student performance and tailor educational content based on individual needs. It provides an innovative solution to the challenges faced by students and teachers in traditional educational settings.

1.3 Problem Statement

Education is often hindered by the inability to provide personalized learning experiences for each student. In traditional classrooms, teachers find it challenging to track every student's progress and offer tailored feedback. The lack of personalized attention results in students not receiving the necessary support to address their learning gaps. Furthermore, existing online education platforms provide generalized

content without adapting to individual learning needs, leading to reduced engagement and suboptimal outcomes.

Teachers are burdened with manually tracking student performance, and students lack the resources to receive real-time feedback that can help them improve. There is a need for a solution that automates content delivery based on individual learning patterns and provides personalized recommendations in real-time to enhance the overall learning experience.

1.4 Motivation

- **Addressing Student Challenges:** Many students struggle to stay engaged and achieve their full potential due to the lack of personalized learning experiences. This project aims to provide a digital platform that helps students overcome these challenges by offering tailored study materials and real-time feedback based on their progress and performance.
- **Leveraging AI to Improve Education:** Inspired by the increasing use of AI in various industries, this project applies AI technologies to education. The platform utilizes machine learning algorithms to analyze student data and provide personalized recommendations, improving the learning process and helping students achieve better outcomes.
- **Supporting Teachers:** Teachers often struggle with the manual process of tracking each student's performance and providing individualized feedback. This platform automates these tasks, allowing teachers to focus on guiding students and improving their educational journey.
- **Promoting Real-Time Learning:** Traditional education often lacks real-time solutions to address students' immediate learning needs. By offering real-time study recommendations and feedback, this project ensures that students receive timely assistance and guidance throughout their learning process.
- **Boosting Educational Efficiency:** The platform is designed to increase the efficiency of the learning process by reducing manual tasks for teachers and providing students with personalized content. This automation leads to improved learning outcomes and reduced workload for educators.
- **Encouraging the Adoption of AI in Education:** As AI continues to shape various sectors, this project aims to bring its benefits to the education field. By offering a user-friendly, AI-powered platform, it encourages students and educators to adopt digital solutions, promoting a modernized approach to education.

1.5 Scope

The **Personalized Learning Platform using Artificial Intelligence** has vast potential for future expansion and enhancement. Future updates could include:

- **Mobile Application:** An Android app to provide students and teachers with easy access to the platform from their mobile devices.
- **Blockchain Integration:** The platform could integrate blockchain technology for secure data handling, making it a decentralized application with enhanced data privacy and security.
- **Advanced AI Algorithms:** The use of natural language processing (NLP) and more sophisticated machine learning algorithms to offer better interaction and content recommendations.
- **Product Recommendations:** AI-driven recommendations based on the student's interaction with previous materials and quiz performance, enhancing their learning path.
- **SEO Optimization:** Implementing search engine optimization to ensure that the platform's content is easily discoverable and ranks well in search engines.

This system is flexible and can be continuously updated to incorporate new technologies and features to further enhance the personalized learning experience for students and support educators in managing their classes efficiently.

2. LITERATURE REVIEW

Automation in Education

The introduction of automation into education systems has the potential to significantly enhance learning outcomes and reduce the workload on teachers. According to Wulfraat et al. (2018), automated systems in education can provide personalized feedback, track student progress, and facilitate real-time adjustments to learning paths. Such automation is critical in providing a tailored learning experience for students. In line with these advancements, the **Personalized Learning Platform using Artificial Intelligence** integrates automation to analyze student data and provide personalized study recommendations, allowing for more efficient and effective learning.

The use of automation in education has been further explored by Zhang et al. (2020), who emphasized the importance of real-time data analysis to enhance the learning experience. Similar to automated systems in agriculture, the **Personalized Learning Platform** uses machine learning algorithms to monitor student performance and offer real-time feedback, allowing students to make informed decisions regarding their learning strategies. This form of automation aligns with the trend of data-driven personalized education.

Virtual Assistants in Education

Virtual assistants have gained popularity in education for their ability to provide students with instant access to information and personalized guidance. Patel et al. (2021) demonstrated that virtual assistants can offer personalized recommendations based on students' performance and engagement data, significantly improving their learning outcomes. The **Personalized Learning Platform** incorporates a virtual assistant that interacts with students, answering their questions, and providing study materials tailored to their needs. This reduces the burden on teachers by automating the feedback process, while also empowering students to take control of their learning journey.

In resource-limited environments where access to teachers may be restricted, virtual assistants play a critical role in maintaining student engagement. The platform's AI-driven assistant ensures that students always have access to support, fostering a continuous learning experience without the need for constant teacher intervention.

Sentiment Analysis in Education

Sentiment analysis has proven to be a valuable tool in understanding user feedback in various domains, including education. Liu (2012) highlighted the role of sentiment analysis in assessing user satisfaction and identifying areas for improvement. In the **Personalized Learning Platform**, sentiment analysis is applied to gather insights from students' feedback on study materials and course recommendations. This allows educators and administrators to monitor student engagement and satisfaction with the platform, ensuring continuous improvement.

By analyzing student responses and interactions, the platform provides valuable data on which areas of study need improvement, enhancing the overall learning experience and ensuring that the system remains responsive to students' needs.

Machine Learning for Personalized Learning

Machine learning algorithms are central to delivering personalized learning experiences. Sharma et al. (2020) demonstrated how machine learning models could predict student performance based on historical data, enabling educators to adjust their teaching methods to suit individual learning styles. The **Personalized Learning Platform** uses machine learning to analyze students' learning behaviors, quiz results, and interaction with study materials, providing customized study paths for each student.

This application of machine learning ensures that the platform can offer the right content at the right time, helping students overcome learning challenges and achieve better outcomes. As Sun et al. (2021) highlighted, advanced algorithms can make accurate predictions regarding student performance, leading to more effective interventions and support strategies.

Real-Time Feedback and Communication

Real-time communication and feedback are crucial elements of an effective learning platform. Sharma and Padhy (2019) emphasized the importance of real-time feedback in improving student engagement and performance. In the **Personalized Learning Platform**, real-time feedback is provided through the AI-powered assistant, allowing students to receive immediate responses to their queries and track their progress in real-time.

Additionally, the platform offers teachers real-time insights into student performance, enabling them to intervene when necessary and provide timely guidance. This feature promotes a more dynamic and responsive learning environment, ensuring that students stay on track and remain motivated.

AI-Driven Recommendations

AI-driven recommendation systems have become a vital component of personalized learning platforms. According to Bandyopadhyay et al. (2022), integrating student data into AI models allows for highly accurate recommendations that can improve learning outcomes. The **Personalized Learning Platform** uses AI to analyze students' interactions with study materials and recommend the most relevant resources based on their performance and preferences.

This system not only enhances student engagement by providing tailored content but also supports teachers by automating the process of content recommendation, making the platform more efficient and effective in delivering educational material.

3. PROPOSED SYSTEM

The **Personalized Learning Platform using Artificial Intelligence** is designed to revolutionize the learning experience by providing customized educational content and real-time feedback tailored to each student's unique learning style. With the support of AI-driven analysis, the platform helps students improve their learning outcomes by offering personalized study recommendations, tracking their progress, and providing actionable insights.

Key Features of the Proposed System:

1. **Personalized Study Recommendations:**

The system analyzes students' past performance, quiz results, and interactions with study materials to recommend relevant and personalized content. By utilizing machine learning algorithms, the platform adapts to the student's learning pace and preferences, ensuring that they receive study materials best suited to their academic needs.

2. **Real-Time Feedback:**

Students no longer need to wait for manual feedback from their teachers. The AI-powered platform provides real-time feedback on quizzes, assignments, and other learning activities. This helps students identify areas for improvement immediately, allowing for quick adjustments in their learning strategy.

3. **AI-Driven Content Customization:**

The platform uses advanced algorithms to deliver custom content based on students' performance and preferences. By analyzing data from quizzes, assessments, and study habits, the system suggests relevant study materials that align with each student's learning path.

4. **Teacher Assistance:**

Teachers can use the platform to monitor student performance, view AI-generated insights, and upload personalized study materials. The system reduces the burden on teachers by automating routine tasks such as grading quizzes, analyzing student data, and providing tailored feedback. This allows educators to focus more on guiding and mentoring students.

5. **Admin Module:**

The **Admin** oversees the overall functioning of the system, managing users, handling data, and monitoring system analytics. The admin can also view insights generated by AI on student progress and overall platform usage, helping to improve system performance and address any issues promptly.

6. **Real-Time Communication and Assistance:**

The platform includes a virtual assistant that interacts with students, providing them

with real-time responses to their academic queries. This feature ensures that students can receive help 24/7, even when teachers are not available. The virtual assistant guides students by answering questions, suggesting study materials, and providing feedback on learning progress.

7. **Progress Tracking and Analytics:**

The system tracks each student's progress over time and generates insights on their performance. Students can visualize their learning journey through progress reports, which highlight areas where they excel and where they need improvement. These analytics help students stay on track and motivate them to achieve their learning goals.

8. **Motivation for Digital Adoption in Education:**

This system encourages the adoption of AI-driven education technologies by making it easier for students and teachers to embrace digital learning. The platform offers a seamless, user-friendly interface that promotes the integration of personalized learning experiences into traditional educational environments.

Benefits of the Proposed System:

- **Enhanced Learning Outcomes:**

The personalized study recommendations and real-time feedback help students improve their understanding of the subjects they study, leading to better academic performance.

- **Time and Effort Savings for Teachers:**

Teachers benefit from AI-generated insights, reduced workload through automated grading and feedback, and enhanced visibility into student progress.

- **Continuous Learning and Support:**

The virtual assistant and real-time feedback mechanisms ensure that students have access to learning resources and assistance whenever needed, promoting continuous learning without interruptions.

- **Scalability and Flexibility:**

The system is designed to be scalable and flexible, allowing for future enhancements such as mobile application integration, blockchain for secure data handling, and advanced AI features like natural language processing for better interaction.

This system not only helps students improve their learning but also aids teachers in providing individualized attention through automated insights and recommendations. The **Personalized Learning Platform** transforms the traditional learning process into an efficient, personalized, and data-driven educational experience.

4. METHODOLOGY

4.1 Feasibility Study

Feasibility refers to the practicality and viability of a project, assessing whether it can be successfully executed within the given constraints. A feasibility study is conducted to evaluate the various factors involved in developing the **Personalized Learning Platform using Artificial Intelligence**, such as resource availability, estimated development costs, potential benefits after deployment, and ongoing maintenance expenses. The primary goal of this study is to determine if the proposed solution can meet the system's requirements and deliver value to students, teachers, and educational institutions.

4.2 Economic Feasibility

Economic feasibility involves assessing the financial viability of the project by evaluating whether the platform can generate sufficient benefits compared to its costs. The **Personalized Learning Platform** is cost-effective, utilizing open-source technologies such as **PHP**, **MySQL**, **Python AI libraries**, and **HTML/CSS/JavaScript** for development. The system eliminates the need for paper-based resources, reducing operational costs and errors associated with manual processes. Additionally, the platform's scalability ensures that future expansions, such as mobile app development or blockchain integration, can be achieved with minimal additional costs.

The platform's ability to automate routine tasks like grading, content recommendations, and performance tracking further reduces the time and effort teachers spend on administrative tasks, resulting in a high return on investment for educational institutions.

4.3 Technical Feasibility

Technical feasibility evaluates the resources, technologies, and skills required to successfully implement the system. The **Personalized Learning Platform** is built using widely available web technologies, including **HTML**, **CSS**, **JavaScript**, **PHP**, and **MySQL** for the backend, along with **Python** for AI-driven recommendations. These technologies are freely available, and the skills required to develop and maintain the system are manageable for a typical software development team.

The platform is designed to be fully web-based, ensuring compatibility across multiple devices and operating systems. The availability of cloud-based hosting options ensures that the platform can be deployed and maintained at a low cost, without the need for specialized hardware. Additionally, the system's modular design allows for easy integration of future enhancements such as AI advancements and mobile compatibility.

4.4 Behavioral Feasibility

Behavioral feasibility assesses how well the system meets user requirements and solves the problems it was designed to address. The **Personalized Learning Platform** is intended to provide a user-friendly experience for students, teachers, and administrators. The intuitive

interface allows students to easily navigate through personalized study materials, track their progress, and receive real-time feedback. Teachers can monitor student performance and access AI-generated insights to improve their teaching strategies.

The platform is designed to encourage engagement by offering personalized recommendations and immediate responses to students' learning needs. Its simplicity ensures that even users with limited technical skills can effectively use the system, increasing the platform's adoption rate and long-term success.

5. SYSTEM ARCHITECTURE

Hardware Specifications

To run the **Personalized Learning Platform using Artificial Intelligence** efficiently, the following hardware specifications are recommended:

- **Processor:** Intel i3 or above
- **RAM:** 4 GB or higher
- **Hard Disk:** 256 GB storage capacity or more

These hardware specifications ensure that the platform can handle the demands of AI-driven functionalities and provide a smooth user experience for both students and teachers.

Software Specifications

The system utilizes a range of software technologies to create a seamless, dynamic, and interactive learning environment:

- **Frontend Technologies:**
 - **HTML:** For structuring the content and layout of the platform.
 - **CSS:** For styling the user interface, ensuring a visually appealing and responsive design.
 - **JavaScript:** For adding interactivity to the platform, enabling dynamic content updates and improved user engagement.
- **Backend Technologies:**
 - **PHP:** The backend language used to manage server-side operations and handle requests from the client-side.
 - **MySQL:** The database management system used to store and retrieve data related to student profiles, study materials, performance metrics, and AI-generated recommendations.

Client Environment

The **Personalized Learning Platform** is designed to be accessible on a variety of devices, but the recommended client specifications for optimal performance include:

- **Operating System:** Windows 10 and above (or equivalent macOS/Linux distributions)
- **Browser:** The platform is compatible with modern web browsers such as Google Chrome, Mozilla Firefox, Microsoft Edge, and Safari.

These software and hardware specifications ensure that the system can handle real-time interactions, process AI algorithms efficiently, and deliver personalized learning experiences to students.

6. MODULES

1. Admin Module

The Admin module holds overall control of the Personalized Learning Platform. The admin manages user accounts, uploads learning materials, and monitors student performance across the platform. Key responsibilities of the admin include:

Managing Users: Admins can add or remove teachers and students from the system. They also send login credentials to newly registered users via email.

Content Management: Admins upload study materials, quizzes, and other resources onto the platform. They can also update or remove outdated content as needed.

System Monitoring: Admins can view detailed analytics on student engagement, progress, and performance through AI-driven insights.

Sentiment Analysis: By utilizing sentiment analysis, the admin can gauge student feedback on learning materials, enabling continuous improvements to the platform.

2. Teacher Module

Teachers play a key role in managing content and interacting with students. The Teacher module allows instructors to:

Upload Learning Materials: Teachers can upload assignments, quizzes, and reading materials for students. They also have the option to update or modify existing content.

Track Student Progress: Teachers can monitor individual student performance using AI-generated insights, which help them identify students who may need additional support or personalized feedback.

Provide Feedback: Teachers can give personalized feedback to students based on the AI-driven analysis of their learning behaviors and quiz results.

View Analytics: Teachers can access detailed reports on student performance, including areas of strength and weakness, to adjust their teaching strategies accordingly.

3. Student Module

The Student module is designed to provide personalized learning experiences to users based on their academic performance and learning behavior. Students can:

Personalized Study Recommendations: Based on student interactions with the platform and their quiz results, the system recommends relevant study materials to help them improve in specific areas.

Track Learning Progress: Students can view their learning history, quiz scores, and progress reports, allowing them to track their academic growth over time.

Real-Time Feedback: The platform provides students with real-time feedback on assignments and quizzes, helping them adjust their learning strategies quickly.

Interactive Learning: Students can interact with AI-driven virtual assistants that offer guidance, answer questions, and suggest study resources tailored to their needs.

4. Admin - AI Module

In addition to managing user interactions, the platform includes an Admin-AI module, which powers the personalized learning experience through artificial intelligence. This module:

AI-Driven Recommendations: Uses machine learning algorithms to recommend study materials based on student performance and learning patterns.

Data Analysis: Analyzes student behaviors such as study patterns, material usage, and quiz scores to provide teachers and admins with actionable insights.

Continuous Learning: The AI learns and adapts over time, improving its recommendations based on accumulated data from students.

5. Progress and Assessment Module

The Progress and Assessment module is designed to provide both teachers and students with clear insights into learning progress. Key features include:

Quiz and Assignment Monitoring: Tracks student performance on quizzes and assignments and generates reports for both students and teachers.

Predictive Analytics: The platform uses machine learning to predict student performance and provide personalized learning paths based on these predictions.

Assessment Reports: Provides detailed reports on each student's strengths, areas for improvement, and overall progress.

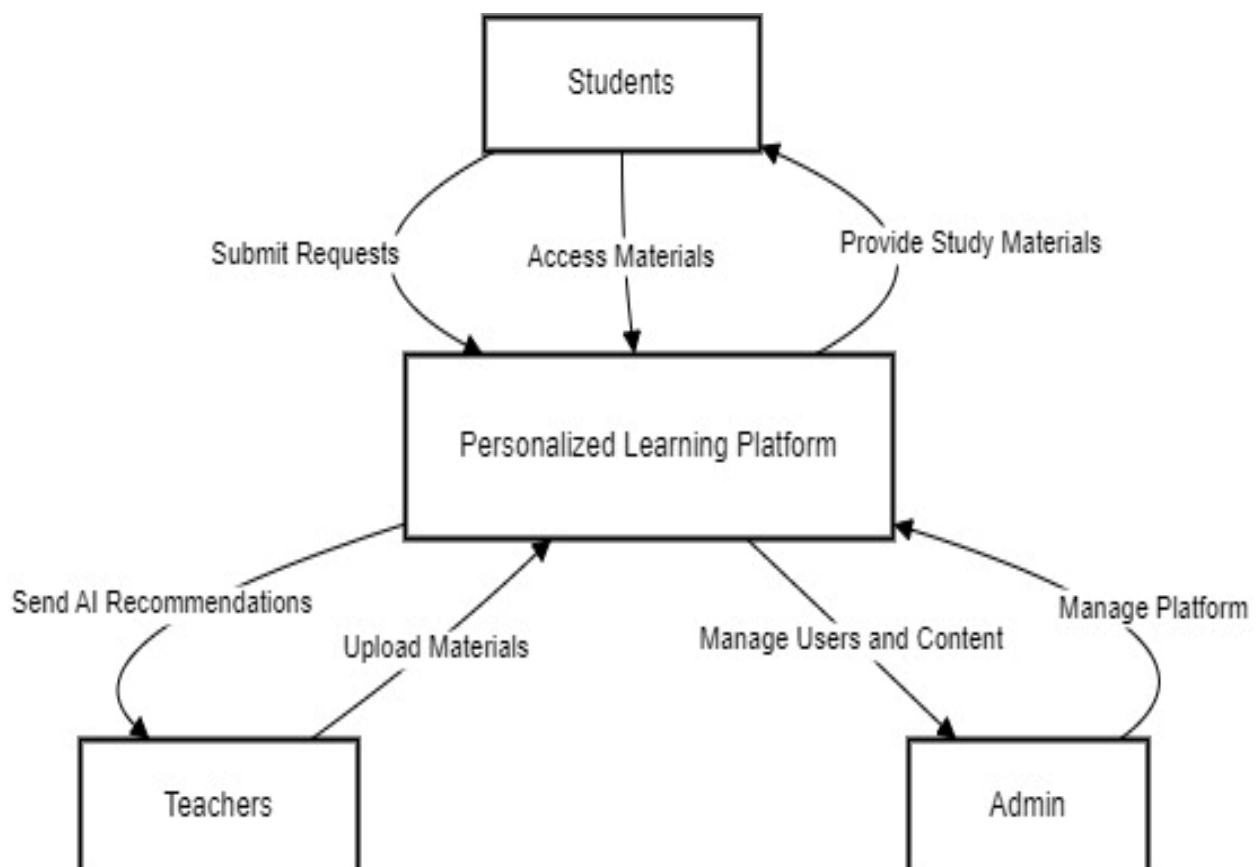
7. DIAGRAMS

Introduction

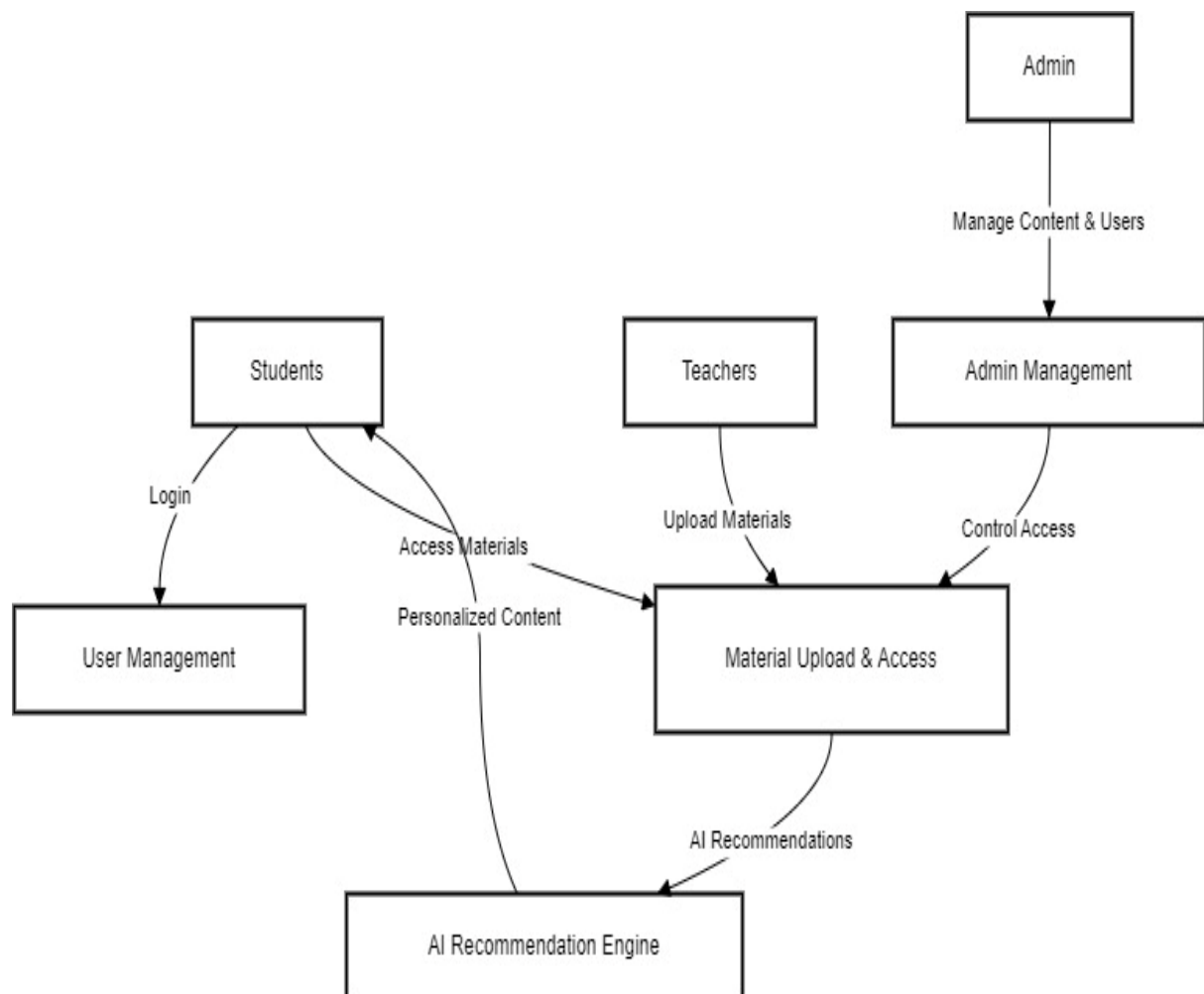
The design phase is an essential part of any system development process, where creative and structured methodologies are employed to define the architecture and workflows of the system. A well-executed design ensures the system's effectiveness, efficiency, and ability to meet its intended objectives. In software engineering, system design plays a crucial role by outlining the architectural components necessary to realize the physical implementation of the software.

For the **Personalized Learning Platform using Artificial Intelligence**, the design process focused on maximizing performance, accuracy, and user experience. The following diagrams illustrate the structural and functional aspects of the system, including data flow, user interactions, and system components. Each diagram offers a detailed view of how different modules interact with one another, contributing to the overall functionality of the platform.

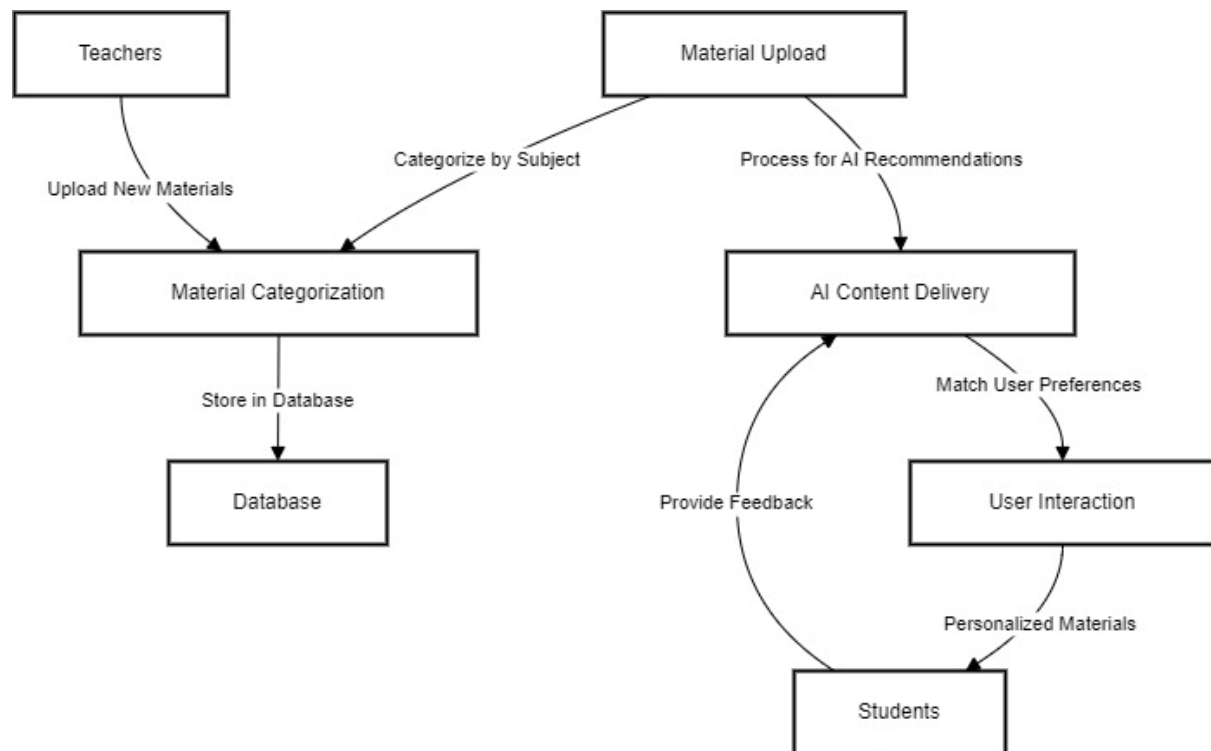
7.1 DFD (Level -0)



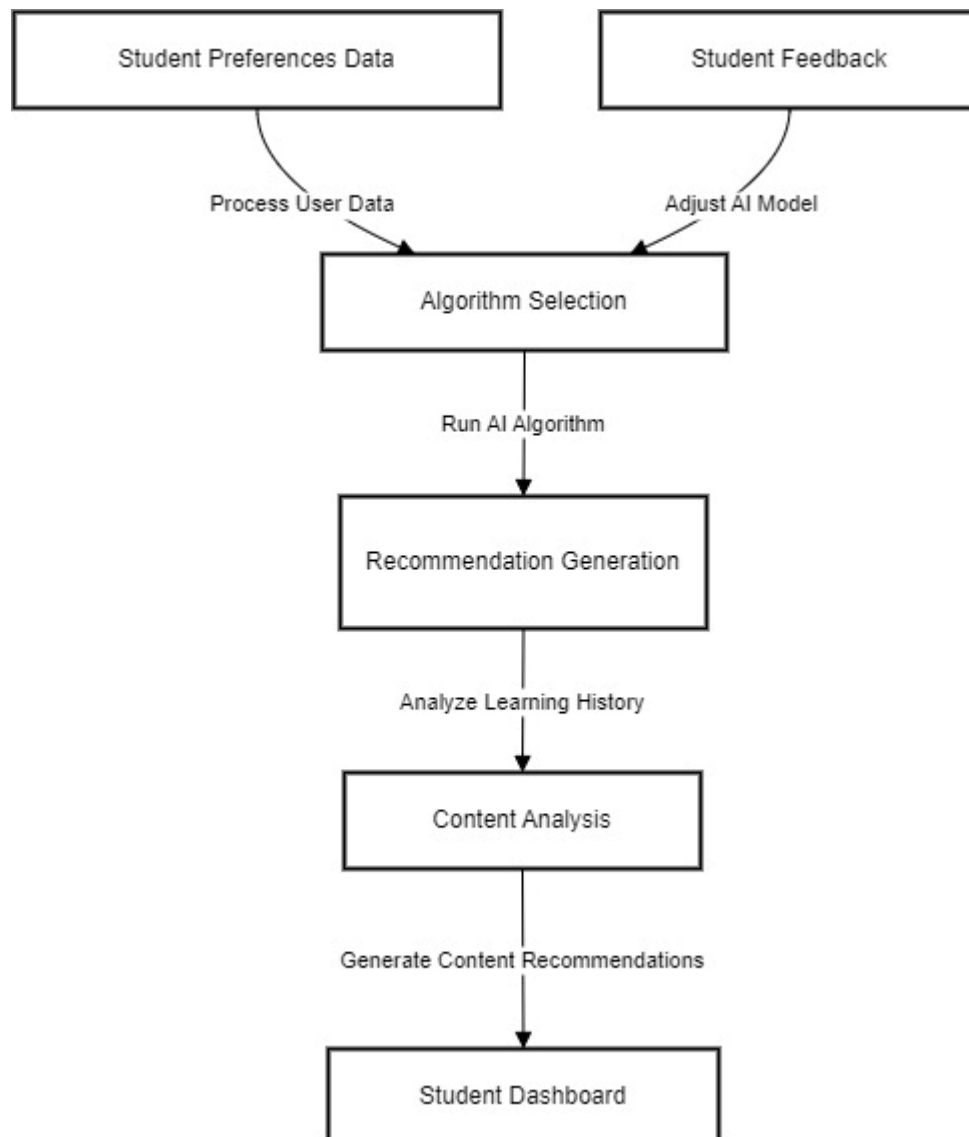
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7.1.2 DFD (Level – 2)



7.1.2 DFD (Level - 3)

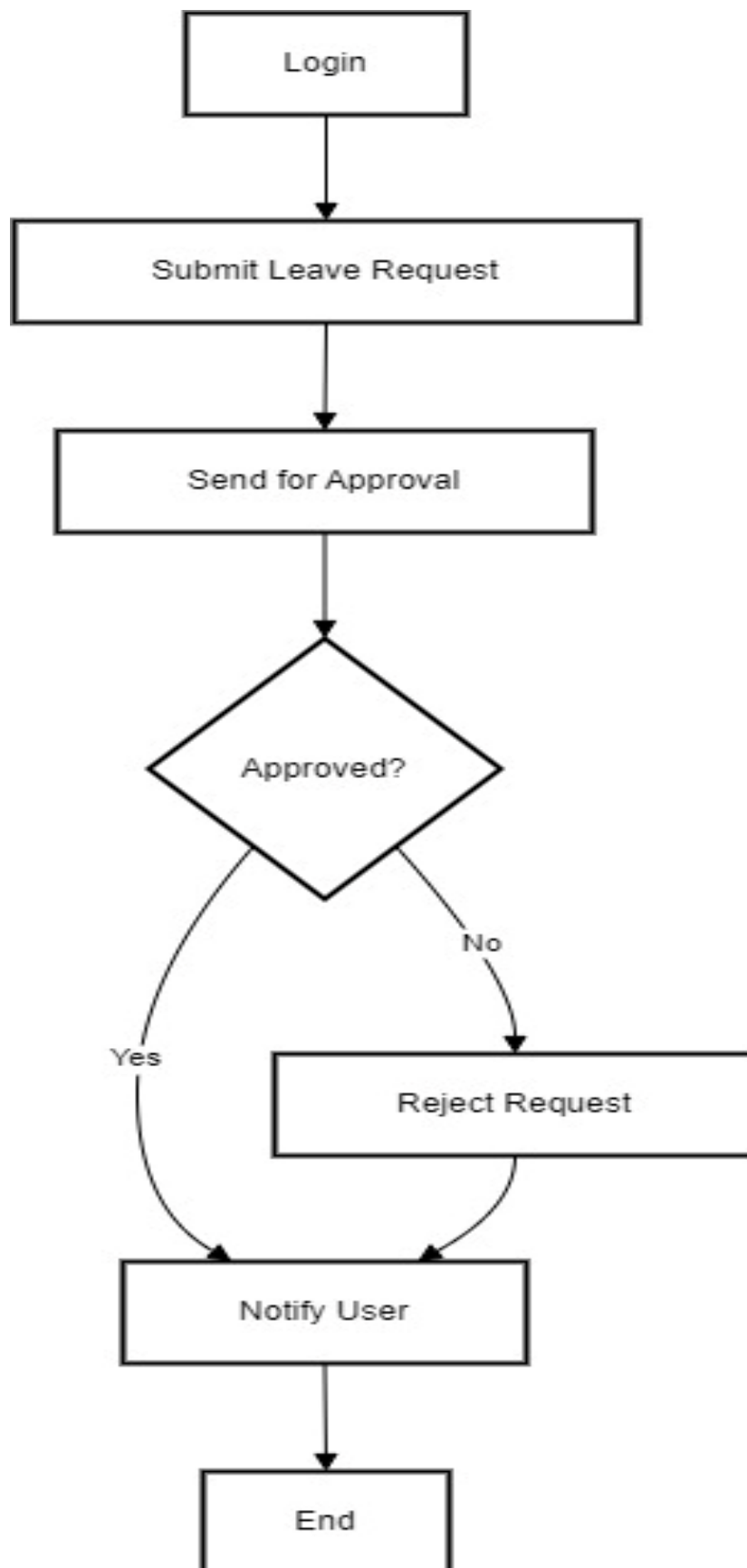


7.2 ACTIVITY DIAGRAM

The UML **Activity Diagram** is a graphical tool used to represent the flow of control in a system, focusing on the dynamic aspects rather than implementation specifics. It visually models both sequential and concurrent activities, showcasing how tasks are executed in a particular workflow. The diagram effectively represents the transitions between different actions or states within a system, highlighting conditions, decisions, and branching points.

Key components of the activity diagram include:

- **Actions:** Individual tasks or operations.
- **Decision nodes:** Points where the flow can diverge based on certain conditions.
- **Forks and Joins:** These allow for parallel or concurrent flows to be modeled, showing how activities can split into multiple paths or merge back together.
- **Start and End:** Denotes the initiation and termination of the workflow.



Components of an Activity Diagram

In an activity diagram, several components work together to represent the control flow and system behavior effectively. These components are essential in modeling the dynamic aspect of the system:

a) Activities

An **activity** represents a unit of behavior or a set of actions. Each activity is a collection of nodes connected by edges, indicating the flow of control. Activities often represent high-level processes that consist of smaller, discrete actions or tasks performed sequentially or concurrently.

b) Activity Partition (Swim Lane)

The **swim lane** is a mechanism for grouping related activities into distinct columns or rows within the diagram. It helps to indicate the ownership or responsibility of each activity by an actor, department, or system. Swim lanes can be either vertical or horizontal and provide modularity and clarity, especially when modeling complex workflows.

c) Forks

Fork nodes facilitate the concurrent execution of multiple activities. A fork has one inward edge and multiple outward edges, effectively splitting the flow into parallel processes. This is useful for representing decisions where multiple paths can be taken simultaneously.

d) Join Nodes

A **join node** merges multiple concurrent flows back into a single flow. It is the opposite of a fork and performs a logical AND operation on all incoming edges, ensuring that all concurrent processes are completed before the flow continues along the single outgoing edge. Join nodes help synchronize parallel activities in the system.

7.3 CLASS DIAGRAM

The **Class Diagram** is a static representation of the system, illustrating the types of objects, their properties, methods, and relationships within the application. A class diagram captures the blueprint of a system by describing its structure in terms of classes and their interactions. This diagram not only aids in visualizing and documenting system architecture but also plays a critical role in building executable code by outlining the system's foundational elements.

A **class** is composed of its objects, and classes can inherit attributes and behaviors from other classes. The diagram encapsulates various elements such as attributes, functions, and relationships that provide an overview of how the system behaves. These components are placed into separate compartments for clarity, allowing developers to easily navigate and interact with the structure.

Since class diagrams represent classes, interfaces, associations, collaborations, and constraints, they are categorized as structural diagrams.

Components of a Class Diagram

The class diagram consists of three primary sections:

- **Upper Section:** This section contains the name of the class. A class represents a blueprint for similar objects that share common relationships, attributes, operations, and behaviors. The class name is always positioned at the top.
- **Middle Section:** This section contains the attributes (variables) of the class, which describe the qualities or properties of the class. Attributes represent the data stored in the class, and each class can have multiple attributes with unique types.
- **Lower Section:** The lower section includes the methods or operations that define the behavior of the class. Each method is typically listed in a single line. The methods show how a class interacts with the data it contains and how it provides functionality.

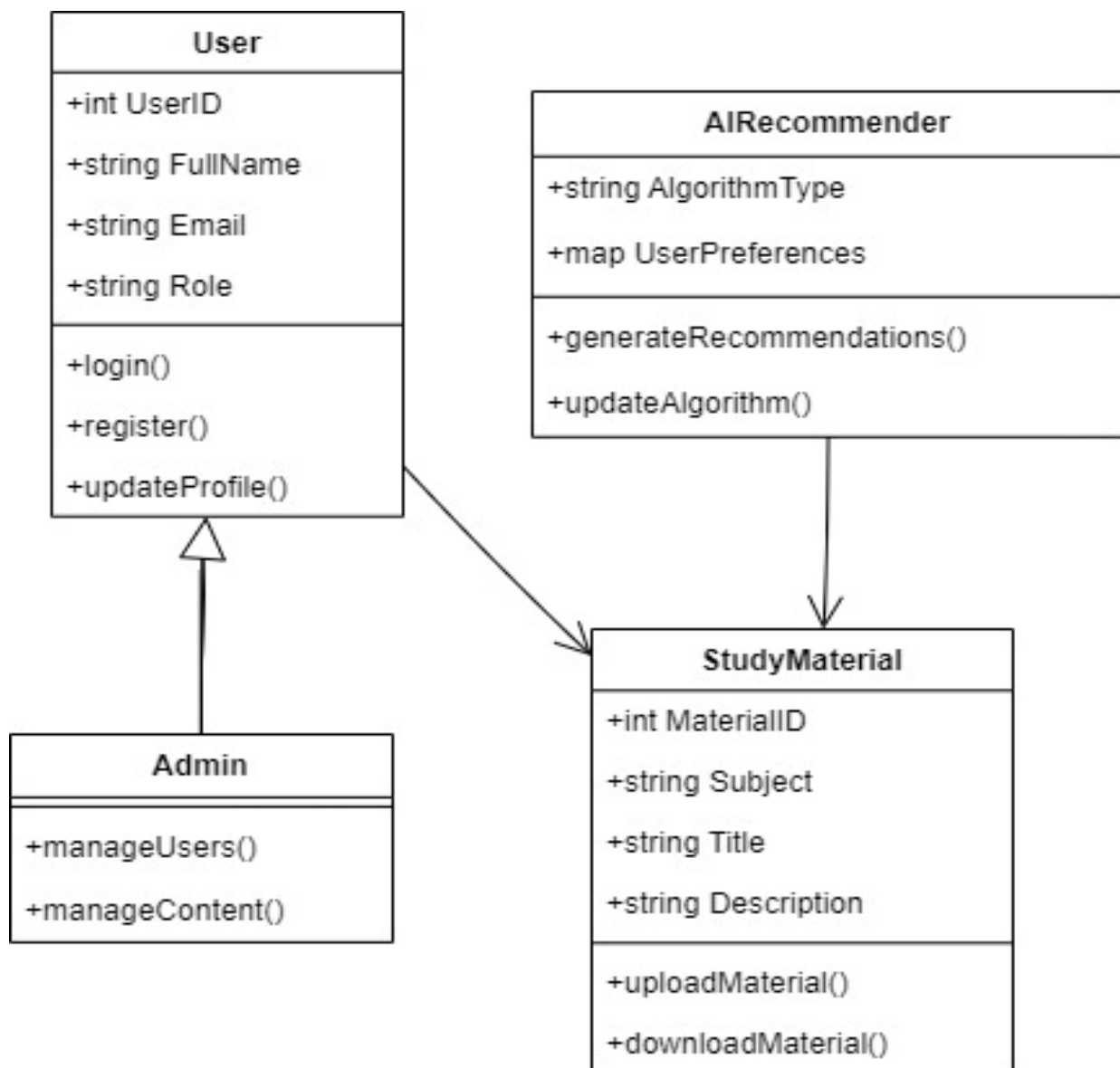
Relationships in Class Diagrams

In UML, relationships between classes are essential for understanding how different parts of the system interact. There are three main types of relationships in a class diagram:

- **Dependency:** A dependency is a weak relationship between two or more classes where changes in one class can cause changes in the dependent class. It typically represents a situation where one class uses or depends on the functionality of another.
- **Generalization:** This relationship represents inheritance between a parent class (superclass) and a child class (subclass). The subclass inherits attributes and behaviors

from the superclass. Generalization shows an "is-a" relationship, meaning the child class is a more specific form of the parent class.

- **Association:** Association is a static or physical connection between two or more classes or objects. It describes how objects are related to each other and often represents real-world relationships. Multiplicity indicators in an association show how many objects are involved in the relationship.



7.4 USE CASE DIAGRAM

A **Use Case Diagram** is a visual representation of the interactions between the components of a system. It is used in system analysis to define, describe, and structure system requirements by illustrating how users (actors) interact with the system. This method helps clarify the roles, actions, and the flow of interactions within and around the system.

Use case diagrams are a core part of UML (Unified Modeling Language) and are widely used to model real-world objects and systems, either in development or already in operation. They offer a high-level view of system functionality and user interaction.

Components of a Use Case Diagram

1. **System Boundary:**

The system boundary defines the scope of the system and sets it apart from the external world. Everything inside the boundary is part of the system, while everything outside represents external actors and elements that interact with the system.

2. **Actors:**

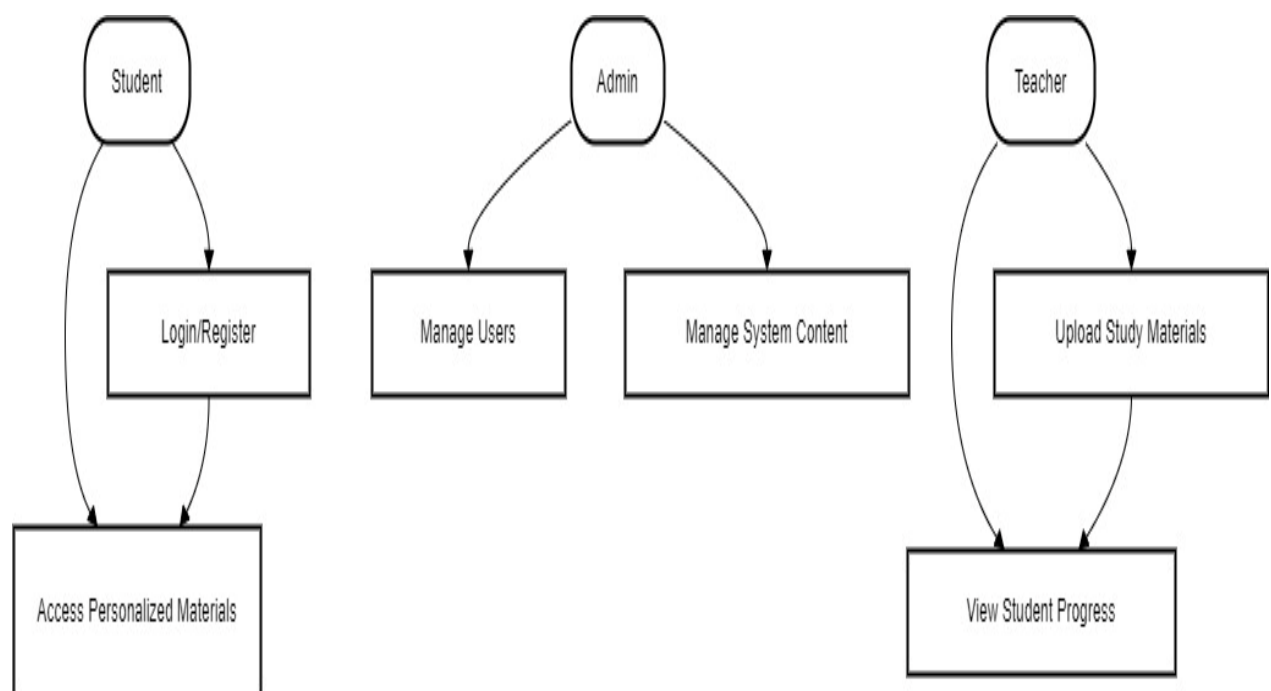
Actors represent individuals, external systems, or entities that interact with the system. These actors are defined according to their roles, which can be either human users or other systems that interface with the system being modeled.

3. **Use Cases:**

A use case defines a specific interaction between the actor and the system to achieve a particular goal. Each use case represents a function or behavior of the system from the user's perspective. The use cases help to identify and explain the functionalities the system provides.

4. **Relationships:**

Relationships in use case diagrams represent the associations between actors and use cases, and between use cases themselves. These relationships describe the interactions and dependencies, such as which actors are responsible for which tasks and how different use cases work together. The relationships are typically represented using lines connecting actors to the relevant use cases or between use cases to show dependencies or extensions.



8. TESTING

Introduction

Software testing is a crucial process used to determine whether the software operates according to its specified requirements. It serves to verify and validate that the system meets both the functional and performance expectations. The primary goal of testing is to ensure that the software functions as intended, detecting any defects or issues before deployment. There are three key approaches to testing:

- **Testing for correctness:** Ensures the software produces the correct output for given inputs.
- **Testing for implementation efficiency:** Assesses whether the software implementation is optimized and efficient.
- **Testing for computational complexity:** Ensures the software handles complex tasks within acceptable time and resource constraints.

Test Plan

A test plan outlines the series of steps taken during various testing phases. It acts as a guide for developers and testers to ensure that all components of the system are tested comprehensively. In this project, the testing process involves both developers and independent testers to mitigate bias. The following levels of testing are applied:

- **Unit Testing**
- **Integration Testing**
- **Validation (System) Testing**
- **Output Testing (User Acceptance Testing)**
- **Automation Testing**

Unit Testing

Unit testing focuses on verifying the smallest components of the software, typically individual functions or modules. In the **Personalized Learning Platform**, this involves testing the functionality of the **Admin**, **Teacher**, and **Student** modules. Each module is tested for proper data handling, performance under boundary conditions, and error handling.

- **White-box Testing:** This method is used to check the internal workings of the system, ensuring that each component processes data correctly.
- **Boundary Testing:** Ensures that the system behaves correctly at the edge of its operational limits.

Integration Testing

Integration testing involves systematically combining the modules that have been unit-tested and checking how they interact with one another. In this project, the integration of the **Admin**, **Teacher**, and **Student** modules with the AI recommendation system is tested to identify issues in data flow, communication, and user interactions.

- **Interface Testing:** Ensures that the modules correctly transfer data between one another, and any differences in the structures are resolved.
- **Top-Down Approach:** Gradually integrates modules and tests for any mismatches between them.

Validation Testing (System Testing)

System testing, also known as **Black-box Testing**, verifies that the complete system meets all functional requirements. For the **Personalized Learning Platform**, this includes testing user authentication, data processing for personalized recommendations, and real-time feedback. The platform is tested against the specified functional requirements to detect errors such as:

- Missing or incorrect functionalities.
- Interface and data access issues.
- Performance errors related to AI-driven recommendations.

Output Testing (User Acceptance Testing)

User acceptance testing (UAT) ensures that the platform meets the needs and expectations of its users. In this stage, the platform is tested from the user's perspective, ensuring that:

- **Input Screens:** Are intuitive and user-friendly.
- **Output Screens:** Provide clear and actionable information based on student performance and teacher feedback.

Test data is prepared based on real-world scenarios, and the system is tested against this data to ensure proper functionality.

Automation Testing

Automation testing is crucial for ensuring that the system operates correctly under various conditions without requiring manual intervention. This project utilizes automation testing tools to create scripted test cases for UI interactions and data flows. Automated testing is especially beneficial for running repetitive test cases across different environments, ensuring consistent performance and functionality.

- **UI Automation:** Automated scripts are used to verify the user interface's behavior, including the responsiveness of the **Admin**, **Teacher**, and **Student** modules.
- **Cross-platform Testing:** Ensures that the platform functions correctly across different devices and operating systems.

9. ADVANTAGES & DISADVANTAGES

Advantages

- **Time Efficiency:** The platform reduces the time spent on manual tasks, such as tracking student performance and providing personalized feedback, by automating these processes with AI.
- **Personalized Learning:** Students receive tailored study materials and real-time feedback based on their performance, improving their learning outcomes.
- **24/7 Availability:** The AI-driven virtual assistant provides real-time support and answers to students' academic queries at any time.
- **Improved Teacher Efficiency:** Teachers can focus more on guiding students as the platform automates routine tasks such as grading and progress tracking.
- **Scalable and Flexible:** The platform can be easily scaled to accommodate future features like mobile integration, advanced AI models, and blockchain for secure data handling.
- **Progress Tracking:** Both students and teachers can monitor academic progress over time, helping identify strengths and areas for improvement.
- **Accessible Anytime:** The platform's web-based structure ensures that students can access learning materials from anywhere, using any device.

Disadvantages

- **Initial Learning Curve:** Some users, especially those unfamiliar with digital platforms, may face challenges in adapting to the system initially.
- **Dependence on Internet Connectivity:** The platform requires a stable internet connection, which may be a limitation in areas with poor connectivity.
- **Limited Personal Interaction:** While the AI virtual assistant provides real-time responses, some students may still prefer face-to-face interactions for deeper academic support.
- **Potential Technical Glitches:** Like any web-based platform, there may be occasional technical issues or downtimes that could affect the user experience.
- **AI Limitations:** The effectiveness of AI recommendations relies on the quality of data provided by students and teachers. If data is insufficient or inaccurate, the recommendations may not be as effective.

10. RESULTS AND CONCLUSIONS

Results :

The analysis demonstrates that the **Personalized Learning Platform using Artificial Intelligence** effectively meets the needs of students, teachers, and administrators. The system provides a comprehensive and user-friendly solution for personalized learning, significantly improving the overall educational experience. Key results include:

- **Enhanced Learning Experience:** The AI-driven platform provides personalized study recommendations and real-time feedback, helping students improve their learning outcomes by addressing individual learning needs.
- **Efficient Teacher Support:** Teachers benefit from AI-generated insights, reducing the time spent on administrative tasks and allowing them to focus on providing personalized guidance to students.
- **Real-Time Data Processing:** The platform's ability to process student performance data in real-time ensures that both students and teachers have immediate access to critical information, allowing for timely interventions and improvements.
- **Scalability:** The system is scalable and can accommodate additional features and modules, such as mobile app integration and more advanced AI models, making it adaptable for future needs.

The platform was tested with sample data, and the results met all functional and performance requirements. The system performed efficiently, handling user interactions and data processing with ease, and providing accurate and relevant recommendations based on student performance.

Conclusions :

The **Personalized Learning Platform using Artificial Intelligence** is an effective, efficient, and scalable solution that addresses the limitations of traditional education systems by providing tailored learning experiences to students. The platform simplifies the process of personalized education by automating tasks such as content recommendations, performance tracking, and feedback generation, benefiting both students and teachers.

While this platform does not claim to be an ideal solution for all educational settings, it successfully meets its primary goals by providing personalized learning support, improving educational efficiency, and enhancing student engagement. Future enhancements, such as mobile integration and the use of advanced AI technologies, could further improve the system's capabilities and extend its reach.

In conclusion, the **Personalized Learning Platform** represents a significant advancement in personalized education, and its ability to evolve with the needs of users makes it a valuable tool for modern education.

11. APPENDICES

Code :

11.1 index.php

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- SEO Meta Tags -->

    <meta name="description" content="Landing page template built with HTML and
Bootstrap 4 for presenting training courses, classes, workshops and for convincing visitors to
register using the form.">

    <meta name="author" content="Inovatik">

    <!-- OG Meta Tags to improve the way the post looks when you share the page on
LinkedIn, Facebook, Google+ -->

    <meta property="og:site_name" content="" /> <!-- website name -->

    <meta property="og:site" content="" /> <!-- website link -->

    <meta property="og:title" content="" /> <!-- title shown in the actual shared post -->

    <meta property="og:description" content="" /> <!-- description shown in the actual shared
post -->

    <meta property="og:image" content="" /> <!-- image link, make sure it's jpg -->

    <meta property="og:url" content="" /> <!-- where do you want your post to link to -->

    <meta property="og:type" content="article" />

    <!-- Website Title -->

    <title>MCA DEPARTMENT</title>
```

```

<!-- Styles -->

<link
href="https://fonts.googleapis.com/css?family=Montserrat:400,400i,600,700,700i&display=s
wap" rel="stylesheet">

<link href="css/bootstrap.css" rel="stylesheet">

<link href="css/fontawesome-all.css" rel="stylesheet">

<link href="css/swiper.css" rel="stylesheet">

<link href="css/magnific-popup.css" rel="stylesheet">

<link href="css/styles.css" rel="stylesheet">


<!-- Favicon -->

<link rel="icon" href="images/favicon.png">
</head>

<body data-spy="scroll" data-target=".fixed-top">


<!-- Preloader -->

<div class="spinner-wrapper">

  <div class="spinner">

    <div class="bounce1"></div>

    <div class="bounce2"></div>

    <div class="bounce3"></div>

  </div>

</div>

<!-- end of preloader -->


<!-- Navigation -->

<nav class="navbar navbar-expand-lg navbar-dark navbar-custom fixed-top">

```

```

<!-- Text Logo - Use this if you don't have a graphic logo -->

<!-- <a class="navbar-brand logo-text page-scroll" href="index.html">Corso</a> -->

<!-- Image Logo -->

<a class="navbar-brand logo-image" href="index.php"></a>

<div class="navbar-custom"><h5>Mangalam College of Engineering</h5></div>

<!-- Mobile Menu Toggle Button -->

<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarsExampleDefault" aria-controls="navbarsExampleDefault" aria-
expanded="false" aria-label="Toggle navigation">

    <span class="navbar-toggler-awesome fas fa-bars"></span>

    <span class="navbar-toggler-awesome fas fa-times"></span>

</button>

<!-- end of mobile menu toggle button -->

<div class="collapse navbar-collapse" id="navbarsExampleDefault">

    <ul class="navbar-nav ml-auto">

        <li class="nav-item">

            <a class="nav-link page-scroll" href="#header">HOME <span class="sr-
only">(current)</span></a>

        </li>

        <li class="nav-item">

            <a class="nav-link page-scroll" href="#description">ACADEMICS</a>

        </li>

        <li class="nav-item">

            <a class="nav-link page-scroll" href="../onss/index1.php">NOTES</a>

        </li>

        <li class="nav-item">

            <a class="nav-link page-scroll" href="custom/team.html">FACULTY</a>

```

```

        </li>
    </ul>

    <span class="nav-item social-icons">
        <span class="fa-stack">
            <a href="https://www.facebook.com/mlmce/">
                <i class="fas fa-circle fa-stack-2x"></i>
                <i class="fab fa-facebook-f fa-stack-1x"></i>
            </a>
        </span>
        <span class="fa-stack">
            <a href="https://x.com/mangalamcollege">
                <i class="fas fa-circle fa-stack-2x"></i>
                <i class="fab fa-twitter fa-stack-1x"></i>
            </a>
        </span>
    </span>
</div>

</nav> <!-- end of navbar -->

<!-- end of navigation -->

<!-- Header -->

<header id="header" class="header">
    <div class="container">
        <div class="row">
            <div class="col-lg-12">
                <div class="text-container">
                    <div class="countdown">
                        </div>
                    <h1>Master Of Computer Applications</h1>
                </div>
            </div>
        </div>
    </div>

```

<p class="p-large">The MCA Department is proud to present a dedicated platform for students to easily access and share academic notes and resources. This website is designed to facilitate the seamless exchange of study materials, ensuring that all MCA students have quick and reliable access to essential notes and documents</p>

DISCOVER

</div> <!-- end of text-container -->

</div> <!-- end of col -->

</div> <!-- end of row -->

</div> <!-- end of container -->

</header> <!-- end of header -->

<!-- end of header -->

<!-- Instructor -->

<div id="instructor" class="basic-1">

<div class="container">

<div class="row">

<div class="col-lg-6">

</div> <!-- end of col -->

<div class="col-lg-6">

<div class="text-container">

<h2>Computer Applications HoD </h2>

<p>Hi everyone! I am Dr. Divya, and I will be your Head of the Department for the MCA program. With over 15 years of experience in the field of Computer Applications, I am deeply passionate about guiding and mentoring students toward academic and professional excellence. Join our department and let's embark on a journey of learning and innovation together.</p>

<p>Teaching students the latest in technology, software development, and industry best practices is something I am committed to as a full-time educator.</p>

</div> <!-- end of text-container -->

</div> <!-- end of col -->

</div> <!-- end of row -->

```

    </div> <!-- end of container -->

</div> <!-- end of basic-1 -->

<!-- end of instructor -->

<!-- Description -->

<div id="description" class="basic-2">

    <div class="container">

        <div class="row">

            <div class="col-lg-12">

                <h2>What Will You Learn in Our MCA Program</h2>

            </div> <!-- end of col -->

        </div> <!-- end of row -->

        <div class="row">

            <div class="col-lg-6">

                <ul class="list-unstyled li-space-lg first">

                    <li class="media">

                        <i class="bullet">1</i>

                        <div class="media-body">

                            <h4>Developing Applications for Mobile Devices</h4>

                            <p>Learn to create mobile-friendly applications that run smoothly across
all devices, a crucial skill in today's technology-driven world.</p>

                        </div>

                    </li>

                    <li class="media">

                        <i class="bullet">2</i>

                        <div class="media-body">

                            <h4>Understanding User Behavior in Software Development</h4>

                            <p>Gain insights into how users interact with software, moving beyond
just coding to create intuitive and user-friendly applications. </p>

                        </div>

                    </li>

```

```

<li class="media">
  <i class="bullet">3</i>
  <div class="media-body">
    <h4>Writing Code for Efficiency and Performance</h4>
    <p>Master the art of writing clean, well-structured code that is not only
efficient but also optimized for performance and maintainability.</p>
  </div>
</li>
</ul>
</div> <!-- end of col -->
<div class="col-lg-6">
  <ul class="list-unstyled li-space-lg second">
    <li class="media">
      <i class="bullet">4</i>
      <div class="media-body">
        <h4>Analyzing and Improving Existing Systems</h4>
        <p>Develop the ability to critically assess existing software systems and
devise actionable plans for enhancement and optimization.</p>
      </div>
    </li>
    <li class="media">
      <i class="bullet">5</i>
      <div class="media-body">
        <h4>Staying Updated with Technological Advancements</h4>
        <p>The tech world evolves rapidly. Stay ahead by learning the latest
trends, tools, and methodologies in software development and IT.</p>
      </div>
    </li>
    <li class="media">
      <i class="bullet">6</i>

```

```

        <div class="media-body">

            <h4>Mastering Key Software Development Principles</h4>

            <p>Understand and apply the core principles of software engineering,
focusing on those that have the greatest impact on the success of your projects.</p>

        </div>

    </li>

</ul>

</div> <!-- end of col -->

</div> <!-- end of row -->

</div> <!-- end of container -->

</div> <!-- end of basic-2 -->

<!-- end of description -->

<!-- Newsletter -->

<div class="form-2">

    <div class="container">

        <div class="row">

            <div class="col-lg-12">

                <!-- Social Links -->

                <div class="icon-container">

                    <span class="fa-stack">

                        <a href="#your-link">

                            <i class="fas fa-circle fa-stack-2x"></i>

                            <i class="fab fa-facebook-f fa-stack-1x"></i>

                        </a>

                    </span>

                    <span class="fa-stack">

                        <a href="#your-link">

                            <i class="fas fa-circle fa-stack-2x"></i>

```



```

        <i class="fab fa-twitter fa-stack-1x"></i>
    </a>
</span>
<span class="fa-stack">
    <a href="#your-link">
        <i class="fas fa-circle fa-stack-2x"></i>
        <i class="fab fa-pinterest-p fa-stack-1x"></i>
    </a>
</span>
<span class="fa-stack">
    <a href="#your-link">
        <i class="fas fa-circle fa-stack-2x"></i>
        <i class="fab fa-instagram fa-stack-1x"></i>
    </a>
</span>
<span class="fa-stack">
    <a href="#your-link">
        <i class="fas fa-circle fa-stack-2x"></i>
        <i class="fab fa-linkedin-in fa-stack-1x"></i>
    </a>
</span>
</div> <!-- end of icon-container -->

<!-- end of social icons -->

</div> <!-- end of col -->

</div> <!-- end of row -->

</div> <!-- end of container -->

</div> <!-- end of form-2 -->

<!-- end of newsletter -->

```

```

<!-- Scripts -->
<script src="js/jquery.min.js"></script> <!-- jQuery for Bootstrap's JavaScript plugins -->
<script src="js/popper.min.js"></script> <!-- Popper tooltip library for Bootstrap -->
<script src="js/bootstrap.min.js"></script> <!-- Bootstrap framework -->
<script src="js/jquery.easing.min.js"></script> <!-- jQuery Easing for smooth scrolling
between anchors -->
<script src="js/jquery.countdown.min.js"></script> <!-- The Final Countdown plugin for
jQuery -->
<script src="js/swiper.min.js"></script> <!-- Swiper for image and text sliders -->
<script src="js/jquery.magnific-popup.js"></script> <!-- Magnific Popup for lightboxes --
>
<script src="js/validator.min.js"></script> <!-- Validator.js - Bootstrap plugin that validates
forms -->
<script src="js/scripts.js"></script> <!-- Custom scripts -->
</body>
</html>

```

11.2 index1.php

```

<!doctype html>
<html class="no-js" lang="zxx">
<head>
<title>Mangalam College of Engineering | MCA Notes Sharing System</title>

<!-- CSS here -->
<link rel="stylesheet" href="assets/css/bootstrap.min.css">
<link rel="stylesheet" href="assets/css/owl.carousel.min.css">
<link rel="stylesheet" href="assets/css/slicknav.css">
<link rel="stylesheet" href="assets/css/flaticon.css">
<link rel="stylesheet" href="assets/css/progressbar_barfiller.css">

```

```
<link rel="stylesheet" href="assets/css/gijgo.css">
<link rel="stylesheet" href="assets/css/animate.min.css">
<link rel="stylesheet" href="assets/css/animated-headline.css">
<link rel="stylesheet" href="assets/css/magnific-popup.css">
<link rel="stylesheet" href="assets/css/fontawesome-all.min.css">
<link rel="stylesheet" href="assets/css/themify-icons.css">
<link rel="stylesheet" href="assets/css/slick.css">
<link rel="stylesheet" href="assets/css/nice-select.css">
<link rel="stylesheet" href="assets/css/style.css">
```

```
</head>
```

```
<body>
```

```
<?php
// Enable error reporting
ini_set('display_errors', 1);
ini_set('display_startup_errors', 1);
error_reporting(E_ALL);

include_once('includes/header.php');
?>
```

```
<main>
```

```
<!--? slider Area Start-->
<section class="slider-area ">
  <div class="slider-active">
    <!-- Single Slider -->
    <div class="single-slider slider-height d-flex align-items-center">
      <div class="container">
```

```

<div class="row">

    <div class="col-xl-6 col-lg-7 col-md-12">

        <div class="hero__caption">

            <h1 data-animation="fadeInLeft" data-delay="0.2s">MCA Notes
Sharing Platform</h1>

            <p data-animation="fadeInLeft" data-delay="0.4s">Access and Share
Notes for MCA Courses</p>

            <a href="https://techworldthink.github.io/MCA/" class="btn hero-btn"
data-animation="fadeInLeft" data-delay="0.7s">For more</a>

        </div>

    </div>

</div>

</div>

</div>

</div>

</div>

</section>

<!--? Services Area -->

<div class="services-area" style="background-color:#DC6DFF;">

    <div class="container">

        <div class="row justify-content-sm-center">

            <div class="col-lg-4 col-md-6 col-sm-8">

                <div class="single-services mb-30" style="width: 350px; height: 200px;">

                    <div class="features-icon">

                    </div>

                    <div class="features-caption">

                        <h3>Extensive Course Material</h3>

                        <p>Access a wide range of notes and resources for all MCA
subjects.</p>

                    </div>

                </div>

            </div>

        </div>

    </div>

</div>

```

```

        </div>
    </div>
    <div class="col-lg-4 col-md-6 col-sm-8">
        <div class="single-services mb-30" style="width: 350px; height: 200px;">
            <div class="features-icon">
                
            </div>
            <div class="features-caption">
                <h3>Expert Guidance</h3>
                <p>Collaborate with instructors and fellow students for enhanced
learning.</p>
            </div>
        </div>
    </div>
    <div class="col-lg-4 col-md-6 col-sm-8">
        <div class="single-services mb-30" style="width: 350px; height: 200px;">
            <div class="features-icon">
                
            </div>
            <div class="features-caption">
                <h3>Life-long Learning</h3>
                <p>Join a community that promotes continuous learning and
sharing.</p>
            </div>
        </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>

```

```

</main>

<!-- JS here -->

<script src="./assets/js/vendor/modernizr-3.5.0.min.js"></script>

<!-- JQuery, Popper, Bootstrap -->

<script src="./assets/js/vendor/jquery-1.12.4.min.js"></script>

<script src="./assets/js/popper.min.js"></script>

<script src="./assets/js/bootstrap.min.js"></script>

<!-- JQuery Mobile Menu -->

<script src="./assets/js/jquery.slicknav.min.js"></script>


<!-- JQuery Slick , Owl-Carousel Plugins -->

<script src="./assets/js/owl.carousel.min.js"></script>

<script src="./assets/js/slick.min.js"></script>

<!-- One Page, Animated-HeadLin -->

<script src="./assets/js/wow.min.js"></script>

<script src="./assets/js/animated.headline.js"></script>

<script src="./assets/js/jquery.magnific-popup.js"></script>


<!-- Date Picker -->

<script src="./assets/js/gijgo.min.js"></script>

<!-- Nice-select, sticky -->

<script src="./assets/js/jquery.nice-select.min.js"></script>

<script src="./assets/js/jquery.sticky.js"></script>

<!-- Progress -->

<script src="./assets/js/jquery.barfiller.js"></script>


<!-- counter , waypoint,Hover Direction -->

<script src="./assets/js/jquery.counterup.min.js"></script>

<script src="./assets/js/waypoints.min.js"></script>

```

```

<script src="/assets/js/jquery.countdown.min.js"></script>
<script src="/assets/js/hover-direction-snake.min.js"></script>

<!-- contact js -->
<script src="/assets/js/contact.js"></script>
<script src="/assets/js/jquery.form.js"></script>
<script src="/assets/js/jquery.validate.min.js"></script>
<script src="/assets/js/mail-script.js"></script>
<script src="/assets/js/jquery.ajaxchimp.min.js"></script>

<!-- JQuery Plugins, main JQuery -->
<script src="/assets/js/plugins.js"></script>
<script src="/assets/js/main.js"></script>

</body>
</html>

```

11.3 notes.php

```

<?php
session_start();
error_reporting(0);
include('user/includes/dbconnection.php');
?>

<!doctype html>
<html class="no-js" lang="zxx">
<head>
<title>Online Notes Sharing System | Notes</title>

<link rel="manifest" href="site.webmanifest">

```

```
<!-- CSS here -->
<link rel="stylesheet" href="assets/css/bootstrap.min.css">
<link rel="stylesheet" href="assets/css/owl.carousel.min.css">
<link rel="stylesheet" href="assets/css/slicknav.css">
<link rel="stylesheet" href="assets/css/flaticon.css">
<link rel="stylesheet" href="assets/css/progressbar_barfiller.css">
<link rel="stylesheet" href="assets/css/gijgo.css">
<link rel="stylesheet" href="assets/css/animate.min.css">
<link rel="stylesheet" href="assets/css/animated-headline.css">
<link rel="stylesheet" href="assets/css/magnific-popup.css">
<link rel="stylesheet" href="assets/css/fontawesome-all.min.css">
<link rel="stylesheet" href="assets/css/themify-icons.css">
<link rel="stylesheet" href="assets/css/slick.css">
<link rel="stylesheet" href="assets/css/nice-select.css">
<link rel="stylesheet" href="assets/css/style.css">
</head>
```

```
<body>
<?php include_once('includes/header-notes.php');?>
<!-- Header End -->
<main>
  <!--? slider Area Start-->
  <section class="slider-area slider-area2">
    <div class="slider-active">
      <!-- Single Slider -->
      <div class="single-slider slider-height2">
        <div class="container">
          <div class="row">
```



```
<div class="col-xl-8 col-lg-11 col-md-12">  
    <div class="hero__caption hero__caption2">  
        <h1 data-animation="bounceIn" data-delay="0.2s">Our Notes</h1>  
        <!-- breadcrumb Start-->  
        <nav aria-label="breadcrumb">  
            <ol class="breadcrumb">  
                <li class="breadcrumb-item"><a  
href="index.php">Home</a></li>  
                <li class="breadcrumb-item"><a  
href="notes.php">Notes</a></li>  
            </ol>  
        </nav>  
        <!-- breadcrumb End -->  
    </div>  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
</div>  
  
</section>  
  
<!-- Courses area start -->  
  
<div class="courses-area section-padding40 fix">  
    <div class="container">  
        <div class="row justify-content-center">  
            <div class="col-xl-7 col-lg-8">  
                <div class="section-tittle text-center mb-55">  
                    <h2>Our featured Notes</h2>  
                </div>  
            </div>  
        </div>  
    </div>  
</div>
```

```

        <div class="row">

        <?php
            if (isset($_GET['pageno'])) {
                $pageno = $_GET['pageno'];
            } else {
                $pageno = 1;
            }

            // Formula for pagination
            $no_of_records_per_page = 10;
            $offset = ($pageno - 1) * $no_of_records_per_page;
            $ret = "SELECT ID FROM tblnotes";

            $query1 = $dbh -> prepare($ret);
            $query1->execute();
            $results1 = $query1->fetchAll(PDO::FETCH_OBJ);
            $total_rows = $query1->rowCount();
            $total_pages = ceil($total_rows / $no_of_records_per_page);

            $sql = "SELECT tblnotes.*,tbluser.* from tblnotes join tbluser on tblnotes.UserID=tbluser.ID
            LIMIT $offset, $no_of_records_per_page";

            $query = $dbh -> prepare($sql);

            $query->execute();
            $results = $query->fetchAll(PDO::FETCH_OBJ);

            $cnt = 1;
            if($query->rowCount() > 0)
            {
                foreach($results as $row)
                {
                    ?>
                    <div class="col-lg-6">

```

```

<div class="properties properties2 mb-30">
    <div class="properties__card">
        <div class="properties__img overlay1">
            <a href="#"></a>
        </div>
        <div class="properties__caption">
            <p><?php echo htmlentities($row->Subject);?></p>
            <h3><?php echo htmlentities($row->NotesTitle);?> By (<?php echo
htmlentities($row->FullName);?>)</h3>
            <p><?php echo htmlentities($row->NotesDecription);?>.
        </p>
        <div class="properties__footer d-flex justify-content-between align-
items-center">
            <div class="restaurant-name">

        </div>

    </div>

</div>

<p><table border="1"><tr>
    <th width="200"><strong>File 1</strong></th>
    <td colspan="3" style="text-align: center;"><a href="teacher/folder1/<?php echo $row-
>File1;?>" width="100" height="100" target="_blank" class="btn bnt-primary">Download
File</a></td>

</tr>
    <?php if($row->File2=="") { ?>
        <tr>
            <th width="200"><strong>File 2</strong></th>

```

```
<td colspan="3" style="text-align: center;"><strong style="color: red">File is not
available</strong></td>
```

```
</tr><?php } else{?>
```

```
<tr>
```

```
<th width="200"><strong>File 2</strong></th>
```

```
<td colspan="3" style="text-align: center;"><a href="teacher/folder2/<?php echo $row-
>File2;?>" width="100" height="100" target="_blank" class="btn bnt-primary">Download
File</a></td>
```

```
</tr> <?php } ?>
```

```
<?php if($row->File3==""){ ?>
```

```
<tr>
```

```
<th width="200"><strong>File 3</strong></th>
```

```
<td colspan="3" style="text-align: center;"><strong style="color: red">File is not
available</strong></td>
```

```
</tr><?php } else{?>
```

```
<tr>
```

```
<th width="200"><strong>File 3</strong></th>
```

```
<td colspan="3" style="text-align: center;"><a href="teacher/folder3/<?php echo $row-
>File3;?>" width="100" height="100" target="_blank" class="btn bnt-primary">Download
File</a></td>
```

```
</tr><?php } ?>
```

```
<?php if($row->File4==""){ ?>
```

```
<tr>
```

```
<th width="200"><strong>File 4</strong></th>
```

```
<td colspan="3" style="text-align: center;"><strong style="color: red">File is not
available</strong></td>
```

```

</tr><?php } else{?>

<tr>

<th width="200"><strong>File 4</strong></th>

<td colspan="3" style="text-align: center;"><a href="teacher/folder4/<?php echo $row-
>File4;?>" width="100" height="100" target="_blank" class="btn bnt-primary">Download
File</a></td>

</tr><?php } ?></p></table>

</div>

</div>

</div>

</div>

<?php $cnt=$cnt+1;}} ?>

</div>

<div align="left">

<ul class="pagination" >

<li><a href="?pageno=1"><strong style="color:blue">First</strong></a></li>

<li class="<?php if($pageno <= 1){ echo 'disabled'; } ?>">

<a href="<?php if($pageno <= 1){ echo '#'; } else { echo "?pageno=".( $pageno - 1); }
?>"><strong style="padding-left: 10px;color: blue;">Prev</strong></a>

</li>

<li class="<?php if($pageno >= $total_pages){ echo 'disabled'; } ?>">

<a href="<?php if($pageno >= $total_pages){ echo '#'; } else { echo
"?pageno=".( $pageno + 1); } ?>"><strong style="padding-left: 10px;color:
blue;">Next</strong></a>

</li>

<li><a href="?pageno=<?php echo $total_pages; ?>"><strong style="padding-left:
10px;color: blue;">Last</strong></a></li>

```

```

        </ul>
    </div>

    </div>

    </div>

    <!-- Courses area End -->


</main>

<?php include_once('includes/footer.php');?>


<!-- JS here -->

<script src="./assets/js/vendor/modernizr-3.5.0.min.js"></script>

<!-- Jquery, Popper, Bootstrap -->

<script src="./assets/js/vendor/jquery-1.12.4.min.js"></script>

<script src="./assets/js/popper.min.js"></script>

<script src="./assets/js/bootstrap.min.js"></script>

<!-- Jquery Mobile Menu -->

<script src="./assets/js/jquery.slicknav.min.js"></script>


<!-- Jquery Slick , Owl-Carousel Plugins -->

<script src="./assets/js/owl.carousel.min.js"></script>

<script src="./assets/js/slick.min.js"></script>

<!-- One Page, Animated-HeadLin -->

<script src="./assets/js/wow.min.js"></script>

<script src="./assets/js/animated.headline.js"></script>

<script src="./assets/js/jquery.magnific-popup.js"></script>


<!-- Date Picker -->

<script src="./assets/js/gijgo.min.js"></script>

```

```

<!-- Nice-select, sticky -->
<script src="/assets/js/jquery.nice-select.min.js"></script>
<script src="/assets/js/jquery.sticky.js"></script>
<!-- Progress -->
<script src="/assets/js/jquery.barfiller.js"></script>

<!-- counter , waypoint,Hover Direction -->
<script src="/assets/js/jquery.counterup.min.js"></script>
<script src="/assets/js/waypoints.min.js"></script>
<script src="/assets/js/jquery.countdown.min.js"></script>
<script src="/assets/js/hover-direction-snake.min.js"></script>

<!-- contact js -->
<script src="/assets/js/contact.js"></script>
<script src="/assets/js/jquery.form.js"></script>
<script src="/assets/js/jquery.validate.min.js"></script>
<script src="/assets/js/mail-script.js"></script>
<script src="/assets/js/jquery.ajaxchimp.min.js"></script>

<!-- Jquery Plugins, main Jquery -->
<script src="/assets/js/plugins.js"></script>
<script src="/assets/js/main.js"></script>

</body>
</html>

```

11.4 add-notes.php

```

<?php
session_start();
//error_reporting(0);

```

```

include('includes/dbconnection.php');
if (strlen($_SESSION['ocasuid']==0)) {
    header('location:logout.php');
} else{
    if(isset($_POST['submit']))
    {

$ocasuid=$_SESSION['ocasuid'];

$subject=$_POST['subject'];
$notestitle=$_POST['notestitle'];
$notesdesc=$_POST['notesdesc'];
$file1=$_FILES["file1"]["name"];

$extension1 = substr($file1,strlen($file1)-4,strlen($file1));
$file2=$_FILES["file2"]["name"];
$extension2 = substr($file2,strlen($file2)-4,strlen($file2));
$file3=$_FILES["file3"]["name"];
$extension3 = substr($file3,strlen($file3)-4,strlen($file3));
$file4=$_FILES["file4"]["name"];
$extension4 = substr($file4,strlen($file4)-4,strlen($file4));
$allowed_extensions = array("docs",".doc",".pdf");

if(!in_array($extension1,$allowed_extensions))
{
echo "<script>alert('File has Invalid format. Only docs / doc/ pdf format allowed');</script>";
}

// if(!in_array($extension2,$allowed_extensions))

```



```

// {

// echo "<script>alert('File has Invalid format. Only docs / doc/ pdf format
allowed');</script>";

// }


// if(!in_array($extension3,$allowed_extensions))

// {

// echo "<script>alert('File has Invalid format. Only docs / doc/ pdf format
allowed');</script>";

// }


// if(!in_array($extension4,$allowed_extensions))

// {

// echo "<script>alert('File has Invalid format. Only docs / doc/ pdf format
allowed');</script>";

// }


else {

    $file1=md5($file).time().$extension1;
    if($file2!=""):
        $file2=md5($file).time().$extension2; endif;
    if($file3!=""):
        $file3=md5($file).time().$extension3; endif;
    if($file4!=""):
        $file4=md5($file).time().$extension4; endif;
    move_uploaded_file($_FILES["file1"]["tmp_name"],"folder1/".$file1);
move_uploaded_file($_FILES["file2"]["tmp_name"],"folder2/".$file2);
move_uploaded_file($_FILES["file3"]["tmp_name"],"folder3/".$file3);
    move_uploaded_file($_FILES["file4"]["tmp_name"],"folder4/".$file4);

```

```

$sql="insert into
tblnotes(UserID,Subject,NotesTitle,NotesDecription,File1,File2,File3,File4)values(:ocasuid,:
subject,:notestitle,:notesdesc,:file1,:file2,:file3,:file4)";

$query=$dbh->prepare($sql);

$query->bindParam(':ocasuid',$ocasuid,PDO::PARAM_STR);
$query->bindParam(':subject',$subject,PDO::PARAM_STR);
$query->bindParam(':notestitle',$notestitle,PDO::PARAM_STR);
$query->bindParam(':notesdesc',$notesdesc,PDO::PARAM_STR);
$query->bindParam(':file1',$file1,PDO::PARAM_STR);
$query->bindParam(':file2',$file2,PDO::PARAM_STR);
$query->bindParam(':file3',$file3,PDO::PARAM_STR);
$query->bindParam(':file4',$file4,PDO::PARAM_STR);

$query->execute();

$LastInsertId=$dbh->lastInsertId();
if ($LastInsertId>0) {
    echo '<script>alert("Notes has been added.")</script>';
echo "<script>window.location.href='add-notes.php'</script>";
}
else
{
    echo '<script>alert("Something Went Wrong. Please try again")</script>';
}

}

}

```

```

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Admin Add Notes</title>


    <!-- Google Web Fonts -->

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

    <link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">


    <!-- Icon Font Stylesheet -->

    <link href="https://cdn.jsdelivr.net/npm/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">


    <!-- Libraries Stylesheet -->

    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">

    <link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet"
/>


    <!-- Customized Bootstrap Stylesheet -->

    <link href="css/bootstrap.min.css" rel="stylesheet">


    <!-- Template Stylesheet -->

    <link href="css/style.css" rel="stylesheet">

    <script>

function getSubject(val) {

```

```

        //alert(val);

        $.ajax({
type:"POST",
url:"get-subject.php",
data:'subid='+val,
success:function(data){
$("#subject").html(data);
}});
}

</script>

</head>

<body>

    <div class="container-fluid position-relative bg-white d-flex p-0">

<?php include_once('includes/sidebar.php');?>

        <!-- Content Start -->

        <div class="content">

            <?php include_once('includes/header.php');?>

            <!-- Form Start -->

            <div class="container-fluid pt-4 px-4">

                <div class="row g-4">

                    <div class="col-sm-12 col-xl-6">

                        <div class="bg-light rounded h-100 p-4">

                            <h6 class="mb-4">Add Notes</h6>

                            <form method="post" enctype="multipart/form-data">

```

```

<br />

<div class="mb-3">
  <label for="exampleInputEmail2" class="form-label">Notes
Title</label>
  <input type="text" class="form-control" name="notestitle" value=""
required='true'>

</div>

<div class="mb-3">
  <label for="exampleInputEmail2" class="form-label">Subject</label>
  <input type="text" class="form-control" name="subject" value=""
required='true'>

</div>

<div class="mb-3">
  <label for="exampleInputEmail2" class="form-label">Notes
Description</label>
  <textarea class="form-control" name="notesdesc" value=""
required='true'></textarea>

</div>

<div class="mb-3">
  <label for="exampleInputEmail2" class="form-label">Upload
File</label>
  <input type="file" class="form-control" name="file1" value=""
required='true'>

</div>

<div class="mb-3">

```

```

File</label>
        <label for="exampleInputEmail2" class="form-label">More

        <input type="file" class="form-control" name="file2" value="">

    </div>

    <div class="mb-3">
        <label for="exampleInputEmail2" class="form-label">More
File</label>

        <input type="file" class="form-control" name="file3" value="" >

    </div>

    <div class="mb-3">
        <label for="exampleInputEmail2" class="form-label">More
File</label>

        <input type="file" class="form-control" name="file4" value="" >

    </div>

    <button type="submit" name="submit" class="btn btn-
primary">Add</button>
    </form>
</div>
</div>
</div>
</div>
<!-- Form End -->

    <?php include_once('includes/footer.php');?>
</div>
<!-- Content End -->

```

```

        <?php include_once('includes/back-totop.php');?>
    </div>

    <!-- JavaScript Libraries -->
    <script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>

    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>

    <script src="lib/chart/chart.min.js"></script>

    <script src="lib/easing/easing.min.js"></script>

    <script src="lib/waypoints/waypoints.min.js"></script>

    <script src="lib/owlcarousel/owl.carousel.min.js"></script>

    <script src="lib/tempusdominus/js/moment.min.js"></script>

    <script src="lib/tempusdominus/js/moment-timezone.min.js"></script>

    <script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>

    <!-- Template Javascript -->
    <script src="js/main.js"></script>
</body>
</html><?php } ?>

```

11.5 admin_dashboard.php

```

<?php
session_start();
error_reporting(E_ALL);
ini_set('display_errors', 1);
include('../includes/dbconnection.php');

// Check if the admin is logged in
if (!isset($_SESSION['ocasuid']) || $_SESSION['role'] !== 'admin') {
    header('location:logout.php');
}

```

```

        exit();
    }
    else {
        ?>
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Admin Panel</title>
    <!-- Google Web Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">

    <!-- Icon Font Stylesheet -->
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">

    <!-- Libraries Stylesheet -->
    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
    <link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet"
/>

    <!-- Customized Bootstrap Stylesheet -->
    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- Template Stylesheet -->
    <link href="css/style.css" rel="stylesheet">

```



```
</head>
```

```
<body>
```

```
<div class="container-fluid position-relative bg-white d-flex p-0">
```

```
<?php include_once('includes/sidebar.php');?>
```

```
<!-- Content Start -->
```

```
<div class="content">
```

```
<?php include_once('includes/header.php');?>
```

```
<!-- Recent Sales Start -->
```

```
<div class="container-fluid pt-4 px-4">
```

```
<div class="bg-light text-center rounded p-4">
```

```
<div class="d-flex align-items-center justify-content-between mb-4">
```

```
<?php
```

```
$uid=$_SESSION['ocasuid'];
```

```
$sql="SELECT * from tbluser where ID=:uid";
```

```
$query = $dbh -> prepare($sql);
```

```
$query->bindParam(':uid',$uid,PDO::PARAM_STR);
```

```
$query->execute();
```

```
$results=$query->fetchAll(PDO::FETCH_OBJ);
```

```
$cnt=1;
```

```
if($query->rowCount() > 0)
```

```
{
```

```
foreach($results as $row)
```

```
{
```

```
?>
```

```
<h1>Hello, <?php echo $row->FullName;?>
```

```
<span> Welcome...</span></h1><?php $cnt=$cnt+1;}} ?>
```

```

        </div>

    </div>

</div>

<!-- Recent Sales End -->

<div class="container-fluid pt-4 px-4">

    <div class="row g-8">

        <div class="col-sm-6 col-xl-4">

            <div class="bg-light rounded d-flex align-items-center justify-content-
between p-4">

                <i class="fa fa-file fa-6x text-primary"></i>

                <div class="ms-3">

                    <p class="mb-2">Total Uploaded Subject Notes</p>

                    <?php

                        $uid=$_SESSION['ocasuid'];

                        $sql1 ="SELECT * from tblnotes where UserID=:uid";

                        $query1 = $dbh -> prepare($sql1);

                        $query1->bindParam(':uid',$uid,PDO::PARAM_STR);

                        $query1->execute();

                        $results1=$query1->fetchAll(PDO::FETCH_OBJ);

                        $totnotes=$query1->rowCount();

                    ?>

                    <h4 style="color: blue"><?php echo htmlentities($totnotes);?></h4>

                    <a href="../notes.php"><h5>View Detail</h5></a>

                </div>

            </div>

        </div>

    </div>

    <div class="col-sm-6 col-xl-4">

```

```

        <div class="bg-light rounded d-flex align-items-center justify-content-
between p-4">

            <i class="fa fa-file fa-6x text-primary"></i>

            <div class="ms-3">

                <p class="mb-2">Total Uploaded Notes File</p>

                <?php

                    $uid=$_SESSION['ocasuid'];

                $sql1 ="SELECT
COUNT(IF(File1!= "",0,NULL)) as file,
COUNT(IF(File2!= "",0,NULL)) as file2,
COUNT(IF(File3!= "",0,NULL)) as file3,
COUNT(IF(File4!= "",0,NULL)) as file4
from tblnotes where UserID=:uid";

                $query1 = $dbh -> prepare($sql1);
                $query1->bindParam(':uid',$uid,PDO::PARAM_STR);
                $query1->execute();
                $results1=$query1->fetchAll(PDO::FETCH_OBJ);
                foreach($results1 as $rows)
                {
                    $totalfiles=$rows->file+$rows->file2+$rows->file3+$rows->file4;
                }
            ?>

            <h4 style="color: blue"><?php echo htmlentities($totalfiles);?></h4>

            <a href="manage-notes.php"><h5>View Detail</h5></a>

        </div>

    </div>

</div>

</div>

</div>

```

```

        <?php include_once('includes/footer.php');?>
    </div>

    <!-- Content End -->
<?php include_once('includes/back-totop.php');?>
</div>

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>
<script src="lib/chart/chart.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/tempusdominus/js/moment.min.js"></script>
<script src="lib/tempusdominus/js/moment-timezone.min.js"></script>
<script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>

</html>
<?php } ?>

```

11.6 admin_login.php

```

<?php
session_start();

```

```

include('config.php'); // Database connection

if (isset($_POST['login'])) {
    $admin_user = $_POST['username'];
    $admin_pass = $_POST['password'];

    $query = "SELECT * FROM admins WHERE username = '$admin_user' AND password = '$admin_pass'";
    $result = mysqli_query($conn, $query);

    if (mysqli_num_rows($result) > 0) {
        $_SESSION['admin_logged_in'] = true;
        header('Location: admin_dashboard.php');
    } else {
        echo "Invalid Admin Credentials!";
    }
}
?>

```

```

<!-- HTML Form for Admin Login -->
<form method="post" action="">
    <input type="text" name="username" placeholder="Admin Username" required>
    <input type="password" name="password" placeholder="Password" required>
    <input type="submit" name="login" value="Login">
</form>

```

11.7 admin_logout.php

```

<?php
session_start();

```

```
session_destroy();  
header('Location: admin_login.php');  
exit();  
?>
```

11.8 changefile1.php

```
<?php  
session_start();  
error_reporting(0);  
include('includes/dbconnection.php');  
if (strlen($_SESSION['ocasuid']==0)) {  
    header('location:logout.php');  
} else{  
    if(isset($_POST['submit']))  
    {  
  
        $eid=$_GET['editid'];  
        $file1=$_FILES["file1"]["name"];  
        $extension1 = substr($file1,strlen($file1)-4,strlen($file1));  
        $allowed_extensions1 = array(".pdf");  
  
        if(!in_array($extension1,$allowed_extensions1))  
        {  
            echo "<script>alert('File has Invalid format. Only pdf format allowed');</script>";  
        }  
        else  
        {
```

```

$file1=md5($file).time().$extension1;

move_uploaded_file($_FILES["file1"]["tmp_name"],"folder1/".$file1);

$sql="update tblnotes set File1=:file1 where ID=:eid";

$query=$dbh->prepare($sql);


$query->bindParam(':file1',$file1,PDO::PARAM_STR);
$query->bindParam(':eid',$eid,PDO::PARAM_STR);

$query->execute();

echo '<script>alert("Notes doc file has been updated")</script>';
}
}
?>

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Admin Update Notes File</title>


    <!-- Google Web Fonts -->

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

    <link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">


    <!-- Icon Font Stylesheet -->

    <link href="https://cdn.jsdelivr.net/npm/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">

```

```

<!-- Libraries Stylesheet -->

<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">

<link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet"
/>

<!-- Customized Bootstrap Stylesheet -->

<link href="css/bootstrap.min.css" rel="stylesheet">

<!-- Template Stylesheet -->

<link href="css/style.css" rel="stylesheet">

</head>

<body>

<div class="container-fluid position-relative bg-white d-flex p-0">

<?php include_once('includes/sidebar.php');?>

<!-- Content Start -->

<div class="content">

<?php include_once('includes/header.php');?>

<!-- Form Start -->

<div class="container-fluid pt-4 px-4">

<div class="row g-4">

<div class="col-sm-12 col-xl-6">

<div class="bg-light rounded h-100 p-4">

<h6 class="mb-4">Update Note File First</h6>

<form method="post" enctype="multipart/form-data">

<?php

```



```

        $eid=$_GET['editid'];

        $sql="SELECT * from tblnotes where tblnotes.ID=:eid";
        $query = $dbh -> prepare($sql);
        $query->bindParam(':eid',$eid,PDO::PARAM_STR);
        $query->execute();
        $results=$query->fetchAll(PDO::FETCH_OBJ);

```

```

        $cnt=1;
        if($query->rowCount() > 0)
        {
            foreach($results as $row)
            {
                ?>

```

```

                <div class="mb-3">
                    <label for="exampleInputEmail2" class="form-label">Notes
Title</label>
                    <input type="text" class="form-control" name="notestitle"
value="<?php echo htmlentities($row->NotesTitle);?>" readonly='true'>

```

```

                </div>

```

```

                <div class="mb-3">
                    <label for="exampleInputEmail2" class="form-label">View Old
File1</label>
                    <a href="folder1/<?php echo $row->File1;?>" width="100"
height="100" target="_blank"> <strong style="color: red">View Old File</strong></a>

```

```

                </div>

```

```
<div class="mb-3">
    <label for="exampleInputEmail2" class="form-label">Upload New
File</label>
    <input type="file" class="form-control" name="file1" value=""
required='true'>

</div>
```

```
<?php $cnt=$cnt+1;}} ?>
<button type="submit" name="submit" class="btn btn-
primary">Update</button>
</form>
</div>
</div>
</div>
</div>
<!-- Form End -->
```

```
<?php include_once('includes/footer.php');?>
</div>
<!-- Content End -->
```

```
<?php include_once('includes/back-totop.php');?>
</div>
```

```
<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>
<script src="lib/chart/chart.min.js"></script>
```

```

<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/tempusdominus/js/moment.min.js"></script>
<script src="lib/tempusdominus/js/moment-timezone.min.js"></script>
<script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html><?php } ?>

```

11.9 changefile2.php

```

<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['ocasuid']==0)) {
    header('location:logout.php');
} else{
    if(isset($_POST['submit']))
    {

        $eid=$_GET['editid'];
        $file2=$_FILES["file2"]["name"];
        $extension2 = substr($file2,strlen($file2)-4,strlen($file2));
        $allowed_extensions2 = array(".pdf");

```

```

if(!in_array($extension2,$allowed_extensions2))
{
echo "<script>alert('File has Invalid format. Only pdf format allowed');</script>";
}
else
{

$file2=md5($file).time().$extension1;
    move_uploaded_file($_FILES["file2"]["tmp_name"],"folder2/".$file2);
    $sql="update tblnotes set File2=:file2 where ID=:eid";
    $query=$dbh->prepare($sql);

    $query->bindParam(':file2',$file2,PDO::PARAM_STR);
    $query->bindParam(':eid',$eid,PDO::PARAM_STR);
    $query->execute();
    echo '<script>alert("Notes doc file has been updated")</script>';
}
}
?>

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Admin Update Notes File</title>

    <!-- Google Web Fonts -->

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

```

```
<link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">
```

```
<!-- Icon Font Stylesheet -->
```

```
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">
```

```
<!-- Libraries Stylesheet -->
```

```
<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
```

```
<link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet"
/>
```

```
<!-- Customized Bootstrap Stylesheet -->
```

```
<link href="css/bootstrap.min.css" rel="stylesheet">
```

```
<!-- Template Stylesheet -->
```

```
<link href="css/style.css" rel="stylesheet">
```

```
</head>
```

```
<body>
```

```
<div class="container-fluid position-relative bg-white d-flex p-0">
```

```
<?php include_once('includes/sidebar.php');?>
```

```
<!-- Content Start -->
```

```
<div class="content">
```

```
<?php include_once('includes/header.php');?>
```

```

<!-- Form Start -->

<div class="container-fluid pt-4 px-4">

    <div class="row g-4">

        <div class="col-sm-12 col-xl-6">

            <div class="bg-light rounded h-100 p-4">

                <h6 class="mb-4">Update Note File Second</h6>

                <form method="post" enctype="multipart/form-data">

                    <?php

                        $eid=$_GET['editid'];

                        $sql="SELECT * from tblnotes where tblnotes.ID=:eid";

                        $query = $dbh -> prepare($sql);

                        $query->bindParam(':eid',$eid,PDO::PARAM_STR);

                        $query->execute();

                        $results=$query->fetchAll(PDO::FETCH_OBJ);

                        $cnt=1;

                        if($query->rowCount() > 0)

                        {

                            foreach($results as $row)

                            {

                                ?>

                                <div class="mb-3">

                                    <label for="exampleInputEmail2" class="form-label">Notes

Title</label>

                                    <input type="text" class="form-control" name="notestitle"

value="<?php echo htmlentities($row->NotesTitle);?>" readonly='true'>

                                </div>

                                <div class="mb-3">

```

```

        <label for="exampleInputEmail2" class="form-label">View Old
File2</label>

        <a href="folder2/<?php echo $row->File2;?>" width="100"
height="100" target="_blank"> <strong style="color: red">View Old File</strong></a>

    </div>

    <div class="mb-3">

        <label for="exampleInputEmail2" class="form-label">Upload New
File</label>

        <input type="file" class="form-control" name="file2" value=""
required='true'>

    </div>

    <?php $cnt=$cnt+1;}} ?>

    <button type="submit" name="submit" class="btn btn-
primary">Update</button>

    </form>

</div>

</div>

</div>

</div>

<!-- Form End -->

    <?php include_once('includes/footer.php');?>

</div>

<!-- Content End -->

    <?php include_once('includes/back-totop.php');?>

</div>

```

```

<!-- JavaScript Libraries -->

<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>

<script src="lib/chart/chart.min.js"></script>

<script src="lib/easing/easing.min.js"></script>

<script src="lib/waypoints/waypoints.min.js"></script>

<script src="lib/owlcarousel/owl.carousel.min.js"></script>

<script src="lib/tempusdominus/js/moment.min.js"></script>

<script src="lib/tempusdominus/js/moment-timezone.min.js"></script>

<script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>

<!-- Template Javascript -->

<script src="js/main.js"></script>

</body>

</html><?php } ?>

```

11.10 edit-notes.php

```

<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['ocasuid']==0)) {
    header('location:logout.php');
} else{
    if(isset($_POST['submit']))
    {

```



```

$subject=$_POST['subject'];
$notestitle=$_POST['notestitle'];
$notesdesc=$_POST['notesdesc'];
$eid=$_GET['editid'];
$sql="update tblnotes set Subject=:subject,NotesTitle=:notestitle,NotesDecription=:notesdesc
where ID=:eid";
$query=$dbh->prepare($sql);

$query->bindParam(':subject',$subject,PDO::PARAM_STR);
$query->bindParam(':notestitle',$notestitle,PDO::PARAM_STR);
$query->bindParam(':notesdesc',$notesdesc,PDO::PARAM_STR);
$query->bindParam(':eid',$eid,PDO::PARAM_STR);
$query->execute();
    echo '<script>alert("Notes has been updated")</script>';
    echo "<script>window.location.href ='manage-notes.php'</script>";
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Admin Update Notes</title>

    <!-- Google Web Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">

```

```

<!-- Icon Font Stylesheet -->

<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">


<!-- Libraries Stylesheet -->

<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">

<link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet"
/>


<!-- Customized Bootstrap Stylesheet -->

<link href="css/bootstrap.min.css" rel="stylesheet">


<!-- Template Stylesheet -->

<link href="css/style.css" rel="stylesheet">
</head>

<body>

<div class="container-fluid position-relative bg-white d-flex p-0">

<?php include_once('includes/sidebar.php');?>


<!-- Content Start -->

<div class="content">

<?php include_once('includes/header.php');?>


<!-- Form Start -->

<div class="container-fluid pt-4 px-4">

<div class="row g-4">

```

```

<div class="col-sm-12 col-xl-6">

    <div class="bg-light rounded h-100 p-4">

        <h6 class="mb-4">Update Notes</h6>

        <form method="post">

            <?php

                $eid=$_GET['editid'];

                $sql="SELECT * from tblnotes where tblnotes.ID=:eid";

                $query = $dbh -> prepare($sql);

                $query->bindParam(':eid',$eid,PDO::PARAM_STR);

                $query->execute();

                $results=$query->fetchAll(PDO::FETCH_OBJ);

                $cnt=1;

                if($query->rowCount() > 0)

                {

                    foreach($results as $row)

                    {

                        ?>

                        <br />

                        <div class="mb-3">

                            <label for="exampleInputEmail2" class="form-label">Subject</label>

                            <input type="text" class="form-control" name="subject"

                                value="<?php echo htmlentities($row->Subject);?>" required='true'>

                        </div>

                        <div class="mb-3">

                            <label for="exampleInputEmail2" class="form-label">Notes

                                Title</label>

```

```

        <input type="text" class="form-control" name="notestitle"
value="<?php echo htmlentities($row->NotesTitle);?>" required='true'>

        </select>

    </div>

    <div class="mb-3">

        <label for="exampleInputEmail2" class="form-label">Notes
Description</label>

        <textarea class="form-control" name="notesdesc" value=""
required='true'><?php echo htmlentities($row->NotesDecription);?></textarea>

    </div>

    <div class="mb-3">

        <label for="exampleInputEmail2" class="form-label">View
File1</label>

        <a href="folder1/<?php echo $row->File1;?>" target="_blank">
<strong style="color: red">View</strong></a> |

        <a href="changeFile1.php?editid=<?php echo $row->ID;?>" > &nbsp;  <strong style="color:
red" target="_blank">Edit</strong></a>

    </div>

    <?php if($row->File2=="") { ?>

    <div class="mb-3">

        <label for="exampleInputEmail2" class="form-label">View
File2</label>

        <strong style="color: red">File is not available</strong>

    </div>

    <?php } else { ?>

    <div class="mb-3">

        <label for="exampleInputEmail2" class="form-label">View
File2</label>

```

```

        <a href="folder2/<?php echo $row->File2;?>" target="_blank">
<strong style="color: red">View</strong></a> |

<a href="changeFile2.php?editid=<?php echo $row->ID;?>" > &nbsp;<strong style="color:
red" target="_blank">Edit</strong></a>

        </div><?php } ?>

        <?php if($row->File3==""){ ?>

<div class="mb-3">

        <label for="exampleInputEmail2" class="form-label">View
File3</label>

        <strong style="color: red">File is not available</strong>

        </div>

        <?php } else{?>

<div class="mb-3">

        <label for="exampleInputEmail2" class="form-label">View
File3</label>

        <a href="folder3/<?php echo $row->File3;?>" target="_blank">
<strong style="color: red">View</strong></a> |

<a href="changeFile3.php?editid=<?php echo $row->ID;?>" target="_blank"> &nbsp;<strong
style="color: red">Edit</strong></a>

        </div><?php } ?>

        <?php if($row->File3==""){ ?>

<div class="mb-3">

        <label for="exampleInputEmail2" class="form-label">View
File4</label>

        <strong style="color: red">File is not available</strong>

        </div>

        <?php } else{?>

```

```

        <div class="mb-3">

            <label for="exampleInputEmail2" class="form-label">View
File4</label>

            <a href="folder4/<?php echo $row->File4;?"target="_blank">
<strong style="color: red">View</strong></a> |

<a href="changeFile4.php?editid=<?php echo $row->ID;?" target="_blank"> &nbsp;<strong
style="color: red">Edit</strong></a>


        </div><?php } ?>

        <?php $cnt=$cnt+1;}} ?>

        <button type="submit" name="submit" class="btn btn-
primary">Update</button>

    </form>

</div>

</div>

</div>

</div>

<!-- Form End -->


    <?php include_once('includes/footer.php');?>
</div>

<!-- Content End -->


    <?php include_once('includes/back-totop.php');?>
</div>


<!-- JavaScript Libraries -->

<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>

<script src="lib/chart/chart.min.js"></script>

```

```

<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/tempusdominus/js/moment.min.js"></script>
<script src="lib/tempusdominus/js/moment-timezone.min.js"></script>
<script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>
</html><?php } ?>

```

11.11 manage-notes.php

```

<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['ocasuid']==0)) {
    header('location:logout.php');
} else{
    if(isset($_GET['delid']))
    {
        $rid=intval($_GET['delid']);
        $sql="delete from tblnotes where ID=:rid";
        $query=$dbh->prepare($sql);
        $query->bindParam(':rid',$rid,PDO::PARAM_STR);
        $query->execute();
        echo "<script>alert('Data deleted');</script>";
    }
}

```

```

echo "<script>window.location.href = 'manage-notes.php'</script>";

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Admin Manage Notes</title>

    <!-- Google Web Fonts -->

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

    <link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">

    <!-- Icon Font Stylesheet -->

    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">

    <!-- Libraries Stylesheet -->

    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">

    <link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet"
/>

    <!-- Customized Bootstrap Stylesheet -->

    <link href="css/bootstrap.min.css" rel="stylesheet">

    <!-- Template Stylesheet -->

```



```

<link href="css/style.css" rel="stylesheet">

</head>

<body>

<div class="container-fluid position-relative bg-white d-flex p-0">

    <?php include_once('includes/sidebar.php');?>

    <!-- Content Start -->

    <div class="content">

        <?php include_once('includes/header.php');?>

        <div class="container-fluid pt-4 px-4">

            <div class="bg-light text-center rounded p-4">

                <div class="d-flex align-items-center justify-content-between mb-4">

                    <h6 class="mb-0">Manage Notes</h6>

                </div>

                <div class="table-responsive">

                    <table class="table text-start align-middle table-bordered table-hover mb-0">

                        <thead>

                            <tr class="text-dark">

                                <th scope="col">#</th>

                                <th scope="col">Subject</th>

                                <th scope="col">Notes Title</th>

                                <th scope="col">Creation Date</th>

                                <th scope="col">Action</th>

                            </tr>

                        </thead>

```

```

        <tbody>
        <tr>
        <?php
            $ocasuid=$_SESSION['ocasuid'];

            $sql="SELECT * from tblnotes where UserID=:ocasuid";
            $query = $dbh -> prepare($sql);
            $query->bindParam(':ocasuid',$ocasuid,PDO::PARAM_STR);
            $query->execute();
            $results=$query->fetchAll(PDO::FETCH_OBJ);

            $cnt=1;
            if($query->rowCount() > 0)
            {
                foreach($results as $row)
                {
                    ?>

                    <td><?php echo htmlentities($cnt);?></td>

                    <td><?php echo htmlentities($row->Subject);?></td>
                    <td><?php echo htmlentities($row->NotesTitle);?></td>
                    <td><?php echo htmlentities($row->CreationDate);?></td>

                    <td><a class="btn btn-sm btn-primary" href="edit-
notes.php?editid=<?php echo htmlentities ($row->ID);?>">Edit</a> <a class="btn btn-sm
btn-primary" href="manage-notes.php?delid=<?php echo ($row->ID);?>" onclick="return
confirm('Do you really want to Delete ?');">Delete</a></td>

                    </tr><?php $cnt=$cnt+1;}} ?>

        </tbody>
    </table>
</div>

```

```

        </div>

    </div>

    <?php include_once('includes/footer.php');?>
</div>

<!-- Content End -->
<?php include_once('includes/back-totop.php');?>
</div>

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>
<script src="lib/chart/chart.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/tempusdominus/js/moment.min.js"></script>
<script src="lib/tempusdominus/js/moment-timezone.min.js"></script>
<script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>

<!-- Template Javascript -->
<script src="js/main.js"></script>
</body>

</html><?php } ?>

```

11.12 manage_content.php

```
<?php

// manage_content.php

// Include database connection
include('../includes/dbconnection.php');

// Check if form is submitted
if (isset($_POST['upload'])) {
    $semester = $_POST['semester'];
    $subject = $_POST['subject'];

    // File upload logic
    $targetDir = "../uploads/";
    $fileName = basename($_FILES["file"]["name"]);
    $targetFilePath = $targetDir . $fileName;
    $fileType = pathinfo($targetFilePath, PATHINFO_EXTENSION);

    // Allow only certain file formats
    $allowedTypes = array('pdf', 'ppt', 'doc', 'docx');
    if (in_array($fileType, $allowedTypes)) {
        // Upload file to the server
        if (move_uploaded_file($_FILES["file"]["tmp_name"], $targetFilePath)) {
            // Insert file info into database using PDO
            $sql = "INSERT INTO content (semester, subject, file) VALUES (:semester, :subject, :file)";
            $stmt = $dbh->prepare($sql);
            $stmt->bindParam(':semester', $semester);
```

```

$stmt->bindParam(':subject', $subject);
$stmt->bindParam(':file', $fileName);

if ($stmt->execute()) {
    echo "<p>Content uploaded successfully!</p>";
} else {
    echo "<p>Database error: " . $stmt->errorInfo()[2] . "</p>";
}
} else {
    echo "<p>Error uploading file.</p>";
}
} else {
    echo "<p>Only PDF, PPT, DOC, and DOCX files are allowed.</p>";
}
}

// Fetch existing content from the database
$query = "SELECT * FROM content";
$stmt = $dbh->query($query);
$results = $stmt->fetchAll(PDO::FETCH_ASSOC);
?>

<!-- HTML Form for uploading content -->
<h2>Upload Content</h2>
<form action="manage_content.php" method="post" enctype="multipart/form-data">
    <label for="semester">Semester:</label>
    <input type="text" name="semester" required><br><br>

    <label for="subject">Subject:</label>

```

```

<input type="text" name="subject" required><br><br>

<label for="file">Select File:</label>

<input type="file" name="file" required><br><br>

<input type="submit" name="upload" value="Upload">
</form>

<!-- Displaying uploaded content -->
<h2>Uploaded Content</h2>
<table border="1">
  <tr>
    <th>ID</th>
    <th>Semester</th>
    <th>Subject</th>
    <th>File</th>
  </tr>
  <?php
  if ($results) {
    foreach ($results as $row) {
      echo "<tr>";
      echo "<td>" . $row['id'] . "</td>";
      echo "<td>" . $row['semester'] . "</td>";
      echo "<td>" . $row['subject'] . "</td>";
      echo "<td><a href='../uploads/" . $row['file'] . "' target='_blank'>" . $row['file'] .
"</a></td>";
      echo "</tr>";
    }
  } else {

```

```

        echo "<tr><td colspan='4'>No content uploaded yet.</td></tr>";
    }
    ?>
</table>

```

```

<?php
// No need to close the connection as PDO handles it automatically
?>

```

11.12 manage_users.php

```

<?php
include('config.php');

$query = "SELECT * FROM users";
$result = mysqli_query($conn, $query);

echo "<table>";
echo "<tr><th>Username</th><th>Email</th><th>Actions</th></tr>";
while ($row = mysqli_fetch_assoc($result)) {
    echo "<tr>";
    echo "<td>".$row['username']. "</td>";
    echo "<td>".$row['email']. "</td>";
    echo "<td><a href='edit_user.php?id=".$row['id']."'>Edit</a> | <a href='delete_user.php?id=".$row['id']."'>Delete</a></td>";
    echo "</tr>";
}
echo "</table>";
?>

```

11.13 profile.php

```
<?php
session_start();
include('config.php'); // Database connection

if (isset($_POST['login'])) {
    $admin_user = $_POST['username'];
    $admin_pass = $_POST['password'];

    $query = "SELECT * FROM admins WHERE username = '$admin_user' AND password = '$admin_pass'";
    $result = mysqli_query($conn, $query);

    if (mysqli_num_rows($result) > 0) {
        $_SESSION['admin_logged_in'] = true;
        header('Location: admin_dashboard.php');
    } else {
        echo "Invalid Admin Credentials!";
    }
}

?>

<!-- HTML Form for Admin Login -->
<form method="post" action="">
    <input type="text" name="username" placeholder="Admin Username" required>
    <input type="password" name="password" placeholder="Password" required>
    <input type="submit" name="login" value="Login">
```


</form>

11.14 setting.php

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
error_reporting(0);
if (strlen($_SESSION['ocasuid'] == 0)) {
    header('location:logout.php');
} else {
    if (isset($_POST['submit'])) {
        $uid = $_SESSION['ocasuid'];
        $currentpassword = $_POST['currentpassword'];
        $newpassword = $_POST['newpassword'];

        // Fetch the stored password from the database
        $sql = "SELECT ID, Password FROM tbluser WHERE ID=:uid";
        $query = $dbh->prepare($sql);
        $query->bindParam(':uid', $uid, PDO::PARAM_STR);
        $query->execute();
        $results = $query->fetchAll(PDO::FETCH_OBJ);

        // Check if the current password matches the stored hash
        if ($query->rowCount() > 0 && password_verify($currentpassword, $results[0]-
>Password)) {
            // Hash the new password securely
            $newpassword_hashed = password_hash($newpassword, PASSWORD_DEFAULT);
```

```

// Update the password in the database

$con = "UPDATE tbluser SET Password=:newpassword WHERE ID=:uid";

$chngpwd1 = $dbh->prepare($con);

$chngpwd1->bindParam(':uid', $uid, PDO::PARAM_STR);

$chngpwd1->bindParam(':newpassword', $newpassword_hashed,
PDO::PARAM_STR);

$chngpwd1->execute();


// Redirect to admin_dashboard.php after success

echo '<script>alert("Your password has been successfully changed")</script>';

echo "<script>window.location.href='admin_dashboard.php'</script>";

} else {

    echo '<script>alert("Your current password is wrong")</script>';

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Admin Change Password</title>

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

    <link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">

    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">

```

```

<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
<link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet"
/>
<link href="css/bootstrap.min.css" rel="stylesheet">
<link href="css/style.css" rel="stylesheet">
<script type="text/javascript">
    function checkpass() {
        if (document.changepassword.newpassword.value !=
document.changepassword.confirmpassword.value) {
            alert('New Password and Confirm Password field do not match');
            document.changepassword.confirmpassword.focus();
            return false;
        }
        return true;
    }
</script>
</head>

<body>
<div class="container-fluid position-relative bg-white d-flex p-0">
    <?php include_once('includes/sidebar.php'); ?>
    <div class="content">
        <?php include_once('includes/header.php'); ?>
        <div class="container-fluid pt-4 px-4">
            <div class="row g-4">
                <div class="col-sm-12 col-xl-6">
                    <div class="bg-light rounded h-100 p-4">
                        <h6 class="mb-4">Change Password</h6>
                        <form method="post" name="changepassword" onsubmit="return
checkpass();">

```

```

        <div class="mb-3">
            <label for="currentpassword" class="form-label">Current
Password</label>
            <input type="password" class="form-control"
name="currentpassword" id="currentpassword" required="true">
        </div>
        <div class="mb-3">
            <label for="newpassword" class="form-label">New Password</label>
            <input type="password" class="form-control" name="newpassword"
required="true">
        </div>
        <div class="mb-3">
            <label for="confirmpassword" class="form-label">Confirm
Password</label>
            <input type="password" class="form-control"
name="confirmpassword" id="confirmpassword" required="true">
        </div>
        <button type="submit" name="submit" class="btn btn-
primary">Change</button>
    </form>
</div>
</div>
</div>
</div>
<?php include_once('includes/footer.php'); ?>
</div>
<?php include_once('includes/back-totop.php'); ?>
</div>
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>

```

```

<script src="lib/chart/chart.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/tempusdominus/js/moment.min.js"></script>
<script src="lib/tempusdominus/js/moment-timezone.min.js"></script>
<script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>
<script src="js/main.js"></script>
</body>

</html>

```

11.15 back-totop.php

```

<!-- Back to Top -->
<a href="#" class="btn btn-lg btn-primary btn-lg-square back-to-top"><i class="bi bi-
arrow-up"></i></a>

```

11.16 dbconnection.php

```

<?php
// DB credentials.
define('DB_HOST','localhost');
define('DB_USER','root');
define('DB_PASS','');
define('DB_NAME','onssdb');
// Establish database connection.
try
{

```

```

$dbh = new PDO("mysql:host=".DB_HOST.";dbname=".DB_NAME,DB_USER,
DB_PASS,array(PDO::MYSQL_ATTR_INIT_COMMAND => "SET NAMES 'utf8'"));
}
catch (PDOException $e)
{
exit("Error: " . $e->getMessage());
}
?>

```

11.17 header.php

```

<!-- ? Preloader Start -->
<div id="preloader-active">
    <div class="preloader d-flex align-items-center justify-content-center">
        <div class="preloader-inner position-relative">
            <div class="preloader-circle"></div>
            <div class="preloader-img pere-text">
                
            </div>
        </div>
    </div>
</div>
</div>
<!-- Preloader Start -->
<header>
    <!-- Header Start -->
    <div class="header-area header-transparent">
        <div class="main-header ">
            <div class="header-bottom header-sticky">
                <div class="container-fluid">
                    <div class="row align-items-center">

```

```

<!-- Logo -->
<div class="col-xl-2 col-lg-2">
    <div class="logo">
        <a href="index.php"><h3 style="color: white;font-weight:
bold;">Mangalam College</h3></a>
    </div>
</div>
<div class="col-xl-10 col-lg-10">
    <div class="menu-wrapper d-flex align-items-center justify-content-
end">
        <!-- Main-menu -->
        <div class="main-menu d-none d-lg-block">
            <nav>
                <ul
id="navigation">
                    <li class="active" ><a href="index.php">Home</a></li>

                    <!-- Button -->
                    <li class="button-header"><a href="user/auth.php" class="btn
btn3">Log in</a></li>
                </ul>
            </nav>
        </div>
    </div>
</div>
<!-- Mobile Menu -->
<div class="col-12">
    <div class="mobile_menu d-block d-lg-none"></div>
</div>

```

```

        </div>
    </div>
</div>
</div>
</div>
<!-- Header End -->
</header>

```

11.18 sidebar.php

```

<!-- Spinner Start -->
    <div id="spinner" class="show bg-white position-fixed translate-middle w-100 vh-100
top-50 start-50 d-flex align-items-center justify-content-center">
        <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">
            <span class="sr-only">Loading...</span>
        </div>
    </div>
<!-- Spinner End -->

<!-- Sidebar Start -->
    <div class="sidebar pe-4 pb-3">
        <nav class="navbar bg-light navbar-light">
            <a href="admin_dashboard.php" class="navbar-brand mx-4 mb-3">
                <h3 class="text-primary"><i class=""></i>Admin Panel</h3>
            </a>
            <div class="d-flex align-items-center ms-4 mb-4">
                <div class="position-relative">
                    

```



```
<div class="bg-success rounded-circle border border-2 border-white position-absolute end-0 bottom-0 p-1"></div>
```

```
</div>
```

```
<div class="ms-3">
```

```
<?php
```

```
$uid=$_SESSION['ocasuid'];
```

```
$sql="SELECT * from tbluser where ID=:uid";
```

```
$query = $dbh -> prepare($sql);
```

```
$query->bindParam(':uid',$uid,PDO::PARAM_STR);
```

```
$query->execute();
```

```
$results=$query->fetchAll(PDO::FETCH_OBJ);
```

```
$cnt=1;
```

```
if($query->rowCount() > 0)
```

```
{
```

```
foreach($results as $row)
```

```
{  
    ?>
```

```
<h6 class="mb-0"><?php echo $row->FullName;?></h6>
```

```
<span><?php echo $row->Email;?></span><?php $cnt=$cnt+1;}} ?>
```

```
</div>
```

```
</div>
```

```
<div class="navbar-nav w-100">
```

```
<a href="admin_dashboard.php" class="nav-item nav-link active"><i class="fa fa-tachometer-alt me-2"></i>Dashboard</a>
```

```
<div class="nav-item dropdown">
```

```
<a href="#" class="nav-link dropdown-toggle" data-bs-toggle="dropdown"><i class="fa fa-file me-2"></i>Notes</a>
```

```
<div class="dropdown-menu bg-transparent border-0">
```

```
<a href="add-notes.php" class="dropdown-item">Add Notes</a>
```

```
<a href="manage-notes.php" class="dropdown-item">Manage Notes</a>
```

```
</div>
```

```

        </div>

<div class="nav-item dropdown">
    <a href="#" class="nav-link dropdown-toggle" data-bs-toggle="dropdown"><i
class="fa fa-user me-2"></i>Profile</a>
    <div class="dropdown-menu bg-transparent border-0">
        <a href="profile.php" class="dropdown-item">My Profile</a>
        <a href="setting.php" class="dropdown-item">Change Password</a>
    </div>
</div>

</div>
</nav>
</div>
<!-- Sidebar End -->

```

11.19 links.php

```

<?php
$links = array(
    'js' => 'lib/waypoints/waypoints.min.js'
);
?>

```

11.20 header-notes.php

```

<!-- ? Preloader Start -->
<div id="preloader-active">
    <div class="preloader d-flex align-items-center justify-content-center">
        <div class="preloader-inner position-relative">

```

```

        <div class="preloader-circle"></div>

        <div class="preloader-img pere-text">

        </div>

    </div>

</div>

</div>

</div>

<!-- Preloader Start -->

<header>

    <!-- Header Start -->

    <div class="header-area header-transparent">

        <div class="main-header ">

            <div class="header-bottom header-sticky">

                <div class="container-fluid">

                    <div class="row align-items-center">

                        <!-- Logo -->

                        <div class="col-xl-2 col-lg-2">

                            <div class="logo">

                                <a href="index.php"><h3 style="color: white;font-weight:
bold;">Mangalam College</h3></a>

                            </div>

                        </div>

                        <div class="col-xl-10 col-lg-10">

                            <div class="menu-wrapper d-flex align-items-center justify-content-
end">

                                <!-- Main-menu -->

                                <div class="main-menu d-none d-lg-block">

                                    <nav>

                                        <ul
id="navigation">

```

```

        <li class="active" ><a href="index.php">Home</a></li>

    </ul>

</nav>

</div>

</div>

</div>

<!-- Mobile Menu -->

<div class="col-12">

    <div class="mobile_menu d-block d-lg-none"></div>

</div>

</div>

</div>

</div>

</div>

<!-- Header End -->

</header>

```

11.21 auth.php

```

<?php

// Start the session

session_start();

include('includes/dbconnection.php');


// Handle the Sign In Form Submission

if (isset($_POST['login'])) {

    $emailormobnum = trim($_POST['emailormobnum']); // Trim whitespace from input

    $password = $_POST['password']; // Plain password input

```

```

// Fetch user based on Email or Mobile Number

$sql = "SELECT ID, Email, MobileNumber, Password, Role FROM tbluser WHERE
(Email = :emailormobnum OR MobileNumber = :emailormobnum)";

$query = $dbh->prepare($sql);
$query->bindParam(':emailormobnum', $emailormobnum, PDO::PARAM_STR);
$query->execute();
$result = $query->fetch(PDO::FETCH_OBJ);

if ($result) {
    // Verify the provided password against the stored hashed password
    if (password_verify($password, $result->Password)) {
        // Password matches, store necessary details in session
        $_SESSION['ocasuid'] = $result->ID; // Set user ID in session
        $_SESSION['login'] = $emailormobnum; // Store email or mobile number in session
        $_SESSION['role'] = $result->Role; // Store user role in session

        // Redirect based on the user's role
        if ($result->Role === 'admin') {
            header("Location: ../admin/admin_dashboard.php");
        } elseif ($result->Role === 'teacher') {
            header("Location: ../teacher/teacher_dashboard.php");
        } else {
            header("Location: ../user/dashboard.php"); // Redirect to user dashboard
        }
        exit(); // Stop further script execution after redirect
    } else {
        echo "<script>alert('Invalid Password');</script>";
    }
}

```

```

    } else {
        echo "<script>alert('Invalid Email or Mobile Number');</script>";
    }
}

// Handle the Forgot Password Form Submission
if (isset($_POST['reset-password'])) {
    $email = trim($_POST['email']);
    $sql = "SELECT Email FROM tbluser WHERE Email = :email";
    $query = $dbh->prepare($sql);
    $query->bindParam(':email', $email, PDO::PARAM_STR);
    $query->execute();

    if ($query->rowCount() > 0) {
        // TODO: Send a reset password link via email (functionality to be implemented)
        echo "<script>alert('A password reset link has been sent to your email');</script>";
    } else {
        echo "<script>alert('No account found with this email');</script>";
    }
}

// Handle the Sign Up Form Submission
if (isset($_POST['submit'])) {
    // Collecting form data
    $fname = trim($_POST['fname']);
    $mobno = trim($_POST['mobno']);
    $email = trim($_POST['email']);

    $password = password_hash(trim($_POST['password']), PASSWORD_BCRYPT); // Hash
    the password

```

```

$role = $_POST['role']; // Get the selected role (admin, teacher, or user)

// Check if email or mobile number already exists

$ret = "SELECT Email, MobileNumber FROM tbluser WHERE Email = :email OR
MobileNumber = :mobno";

$query = $dbh->prepare($ret);

$query->bindParam(':email', $email, PDO::PARAM_STR);

$query->bindParam(':mobno', $mobno, PDO::PARAM_STR); // Use PARAM_STR for
mobile as it can be a string

$query->execute();

if ($query->rowCount() == 0) {
    // Insert the new user into tbluser, with hashed password and role

    $sql = "INSERT INTO tbluser (FullName, MobileNumber, Email, Password, Role)
VALUES (:fname, :mobno, :email, :password, :role)";

    $query = $dbh->prepare($sql);

    $query->bindParam(':fname', $fname, PDO::PARAM_STR);

    $query->bindParam(':email', $email, PDO::PARAM_STR);

    $query->bindParam(':mobno', $mobno, PDO::PARAM_STR); // Use PARAM_STR for
mobile

    $query->bindParam(':password', $password, PDO::PARAM_STR);

    $query->bindParam(':role', $role, PDO::PARAM_STR);

    // Execute the query and check if the insert was successful
    if ($query->execute()) {
        echo "<script>alert('You have successfully registered');</script>";

        echo "<script>window.location.href='auth.php'</script>"; // Redirect to auth page
    } else {
        echo "<script>alert('Something went wrong. Please try again');</script>";
    }
}

```

```

    } else {
        echo "<script>alert('Email or Mobile Number already exists');</script>";
    }
}
?>

```

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="https://kit.fontawesome.com/64d58efce2.js"
crossorigin="anonymous"></script>

    <link rel="stylesheet" href="css/auth.css">

    <title>Sign in & Sign up Form</title>

</head>

<body>

    <div class="container">

        <div class="forms-container">

            <div class="signin-signup">

                <!-- Sign In Form -->

                <form class="sign-in-form" action="" method="post">

                    <h2 class="title">Sign in</h2>

                    <div class="input-field">

                        <i class="fas fa-user"></i>

                        <input type="text" placeholder="Email or Mobile Number"
name="emailormobnum" required />

                    </div>

                    <div class="input-field">

```



```

        <i class="fas fa-lock"></i>
        <input type="password" placeholder="Password" name="password" required
/>

    </div>

    <input type="submit" value="Login" class="btn solid" name="login" />
    <p class="forgot-password-link">
        <a href="#" id="forgot-password-link">Forgot Password?</a>
    </p>
</form>

<!-- Sign Up Form -->
<form class="sign-up-form" action="" method="post">
    <h2 class="title">Sign up</h2>
    <div class="input-field">
        <i class="fas fa-user"></i>
        <input type="text" placeholder="Username" name="fname" required />
    </div>
    <div class="input-field">
        <i class="fas fa-envelope"></i>
        <input type="email" placeholder="Email" name="email" required />
    </div>
    <div class="input-field">
        <i class="fas fa-lock"></i>
        <input type="password" placeholder="Password" name="password" required
/>

    </div>
    <div class="input-field">
        <i class="fas fa-phone"></i>
        <input type="text" placeholder="Mobile Number" name="mobno" required
pattern="[0-9]{10}" maxlength="10" />

```

```

</div>

<div class="role-selection">

  <label>

    <input type="radio" name="role" value="admin" required />

    Admin

  </label>

  <label>

    <input type="radio" name="role" value="teacher" required />

    Teacher

  </label>

  <label>

    <input type="radio" name="role" value="user" required />

    User

  </label>

</div>

<input type="submit" class="btn" value="Sign up" name="submit" />

</form>

</div>

</div>

<div class="panels-container">

  <div class="panel left-panel">

    <div class="content">

      <h3>New here?</h3>

      <p>Create an account to access exclusive features and start your journey with us.
Sign up now!</p>

      <button class="btn transparent" id="sign-up-btn">Sign up</button>

    </div>

```

```

</div>

<div class="panel right-panel">
  <div class="content">
    <h3>One of us?</h3>

    <p>Welcome back! Please sign in to continue your journey. Your account holds
all your progress and settings.</p>

    <button class="btn transparent" id="sign-in-btn">Sign in</button>
  </div>

  
</div>

</div>

</div>

<!-- Forgot Password Modal -->
<div id="forgot-password-modal" class="modal">
  <div class="modal-content">
    <span class="close">&times;</span>

    <h2>Reset Password</h2>

    <form action="" method="post">
      <div class="input-field">
        <i class="fas fa-envelope"></i>

        <input type="email" placeholder="Enter your email" name="email" required />
      </div>

      <input type="submit" value="Reset Password" class="btn solid" name="reset-
password" />
    </form>
  </div>
</div>

<script src="js/auth.js"></script>

```

```
</body>
```

```
</html>
```

11.22 dashboard.php

```
<?php
```

```
session_start();
```

```
error_reporting(E_ALL);
```

```
ini_set('display_errors', 1);
```

```
include('../includes/dbconnection.php');
```

```
// Check if the user is logged in
```

```
if (!isset($_SESSION['ocasuid']) || $_SESSION['role'] !== 'user') {
```

```
    header('location:logout.php');
```

```
    exit();
```

```
}
```

```
// Fetch user details
```

```
$uid = $_SESSION['ocasuid'];
```

```
$sql = "SELECT * FROM tbluser WHERE ID = :uid";
```

```
$query = $dbh->prepare($sql);
```

```
$query->bindParam(':uid', $uid, PDO::PARAM_INT);
```

```
$query->execute();
```

```
$user = $query->fetch(PDO::FETCH_OBJ);
```

```
// Check if user details were fetched successfully
```

```
if (!$user) {
```

```
    echo "<script>alert('User details not found.');"
    window.location.href='logout.php';</script>";
```

```
    exit();
```

```
}
```

```
// Fetch total uploaded subject notes

$sqlNotes = "SELECT COUNT(*) as total_notes FROM tblnotes WHERE UserID = :uid";
$queryNotes = $dbh->prepare($sqlNotes);
$queryNotes->bindParam(':uid', $uid, PDO::PARAM_INT);
$queryNotes->execute();
$totalNotes = $queryNotes->fetch(PDO::FETCH_OBJ)->total_notes;
```

```
// Fetch total uploaded files

$sqlFiles = "SELECT
    COUNT(IF(File1 != '', 1, NULL)) +
    COUNT(IF(File2 != '', 1, NULL)) +
    COUNT(IF(File3 != '', 1, NULL)) +
    COUNT(IF(File4 != '', 1, NULL)) as total_files
FROM tblnotes WHERE UserID = :uid";
$queryFiles = $dbh->prepare($sqlFiles);
$queryFiles->bindParam(':uid', $uid, PDO::PARAM_INT);
$queryFiles->execute();
$totalFiles = $queryFiles->fetch(PDO::FETCH_OBJ)->total_files;
```

```
?>
```

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>User Dashboard</title>

    <link rel="preconnect" href="https://fonts.googleapis.com">
```

```

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">

<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">

<link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">

<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">

<link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet">

<link href="css/bootstrap.min.css" rel="stylesheet">

<link href="css/style.css" rel="stylesheet">
</head>

<body>

<div class="container-fluid position-relative bg-white d-flex p-0">
    <?php include_once('includes/sidebar.php'); ?>

    <!-- Content Start -->

    <div class="content">
        <?php include_once('includes/header.php'); ?>

        <!-- User Greeting -->

        <div class="container-fluid pt-4 px-4">
            <div class="bg-light text-center rounded p-4">
                <h1>Hello, <?php echo htmlspecialchars($user->FullName); ?>
<span>Welcome</span></h1>
            </div>
        </div>

        <!-- Recent Activity Start -->

```

```

<div class="container-fluid pt-4 px-4">
  <div class="row g-8">
    <div class="col-sm-6 col-xl-4">
      <div class="bg-light rounded d-flex align-items-center justify-content-
between p-4">
        <i class="fa fa-file fa-6x text-primary"></i>
        <div class="ms-3">
          <p class="mb-2">Uploaded Subject Notes</p>
          <a href="../notes.php"><h5>View Details</h5></a>
        </div>
      </div>
    </div>
  </div>
<!-- Recent Activity End -->

<!-- JavaScript Libraries -->
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>
<script src="lib/chart/chart.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/tempusdominus/js/moment.min.js"></script>
<script src="lib/tempusdominus/js/moment-timezone.min.js"></script>
<script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>
<script src="js/main.js"></script>
</body>
</html>

```

11.23 edit_profile.php

```
<?php
session_start();
include('../includes/dbconnection.php');

if (!isset($_SESSION['ocasuid']) || $_SESSION['role'] !== 'user') {
    header('location:logout.php');
    exit();
}

$uid = $_SESSION['ocasuid'];

// Fetch current user details
$sql = "SELECT * FROM tbluser WHERE ID = :uid";
$query = $dbh->prepare($sql);
$query->bindParam(':uid', $uid, PDO::PARAM_INT);
$query->execute();
$user = $query->fetch(PDO::FETCH_OBJ);

// Update logic
if (isset($_POST['update'])) {
    $fname = $_POST['fname'];
    $mobno = $_POST['mobno'];
    // Add more fields as necessary

    $sqlUpdate = "UPDATE tbluser SET FullName = :fname, MobileNumber = :mobno
    WHERE ID = :uid";

    $queryUpdate = $dbh->prepare($sqlUpdate);
    $queryUpdate->bindParam(':fname', $fname, PDO::PARAM_STR);
```



```

$queryUpdate->bindParam(':mobno', $mobno, PDO::PARAM_INT);
$queryUpdate->bindParam(':uid', $uid, PDO::PARAM_INT);
$queryUpdate->execute();
echo "<script>alert('Profile updated successfully!');</script>";
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <title>Edit Profile</title>
    <link rel="stylesheet" href="../assets/css/style.css"> <!-- Adjust path -->
</head>
<body>
    <h1>Edit Profile</h1>
    <form method="POST" action="">
        <label for="fname">Full Name:</label>
        <input type="text" name="fname" value="<?php echo htmlentities($user->FullName);
?>" required>

        <label for="mobno">Mobile Number:</label>
        <input type="text" name="mobno" value="<?php echo htmlentities($user-
>MobileNumber); ?>" required pattern="[0-9]{10}" maxlength="10">

        <input type="submit" name="update" value="Update">
    </form>
</body>
</html>

```

11.24 logout.php

```
<?php
session_start();
session_unset();
session_destroy();
header('location:auth.php');

?>
```

11.25 view_notes.php

```
<?php
session_start();
include('../includes/dbconnection.php');

if (!isset($_SESSION['ocasuid']) || $_SESSION['role'] !== 'user') {
    header('location:logout.php');
    exit();
}

// Fetch user notes
$uid = $_SESSION['ocasuid'];
$sql = "SELECT * FROM tblnotes WHERE UserID = :uid";
$query = $dbh->prepare($sql);
$query->bindParam(':uid', $uid, PDO::PARAM_INT);
$query->execute();
$notes = $query->fetchAll(PDO::FETCH_OBJ);
```

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Your Notes</title>

<link rel="stylesheet" href="../assets/css/style.css"> <!-- Adjust path -->

</head>

<body>

<h1>Your Notes</h1>

<table>

<tr>

<th>Title</th>

<th>Subject</th>

<th>Action</th>

</tr>

<?php foreach (\$notes as \$note) { ?>

<tr>

<td><?php echo htmlentities(\$note->NotesTitle); ?></td>

<td><?php echo htmlentities(\$note->Subject); ?></td>

<td><a href="edit_note.php?id=<?php echo \$note->ID; ?>">Edit | <a href="delete_note.php?id=<?php echo \$note->ID; ?>">Delete</td>

</tr>

<?php } ?>

</table>

</body>

</html>

11.26 setting.php

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
error_reporting(0);
if (strlen($_SESSION['ocasuid'] == 0)) {
    header('location:logout.php');
} else {
    if (isset($_POST['submit'])) {
        $uid = $_SESSION['ocasuid'];
        $currentpassword = $_POST['currentpassword'];
        $newpassword = $_POST['newpassword'];

        // Fetch the stored password from the database
        $sql = "SELECT ID, Password FROM tbluser WHERE ID=:uid";
        $query = $dbh->prepare($sql);
        $query->bindParam(':uid', $uid, PDO::PARAM_STR);
        $query->execute();
        $results = $query->fetchAll(PDO::FETCH_OBJ);

        // Check if the current password matches the stored hash
        if ($query->rowCount() > 0 && password_verify($currentpassword, $results[0]-
        >Password)) {
            // Hash the new password securely
            $newpassword_hashed = password_hash($newpassword, PASSWORD_DEFAULT);

            // Update the password in the database
```

```

$con = "UPDATE tbluser SET Password=:newpassword WHERE ID=:uid";
$chngpwd1 = $dbh->prepare($con);
$chngpwd1->bindParam(':uid', $uid, PDO::PARAM_STR);
$chngpwd1->bindParam(':newpassword', $newpassword_hashed,
PDO::PARAM_STR);
$chngpwd1->execute();

// Redirect to admin_dashboard.php after success
echo '<script>alert("Your password has been successfully changed")</script>';
echo "<script>window.location.href='admin_dashboard.php'</script>";
} else {
    echo '<script>alert("Your current password is wrong")</script>';
}
}
}
?>
<!DOCTYPE html>
<html lang="en">

<head>
    <title>Admin Change Password</title>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600;700&display=sw
ap" rel="stylesheet">
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">
    <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">

```

```

<link href="lib/tempusdominus/css/tempusdominus-bootstrap-4.min.css" rel="stylesheet"
/>

<link href="css/bootstrap.min.css" rel="stylesheet">

<link href="css/style.css" rel="stylesheet">

<script type="text/javascript">

    function checkpass() {

        if (document.changepassword.newpassword.value !=
document.changepassword.confirmpassword.value) {

            alert('New Password and Confirm Password field do not match');

            document.changepassword.confirmpassword.focus();

            return false;

        }

        return true;

    }

</script>

</head>

<body>

<div class="container-fluid position-relative bg-white d-flex p-0">

    <?php include_once('includes/sidebar.php'); ?>

    <div class="content">

        <?php include_once('includes/header.php'); ?>

        <div class="container-fluid pt-4 px-4">

            <div class="row g-4">

                <div class="col-sm-12 col-xl-6">

                    <div class="bg-light rounded h-100 p-4">

                        <h6 class="mb-4">Change Password</h6>

                        <form method="post" name="changepassword" onsubmit="return
checkpass();">

                            <div class="mb-3">

```

```

        <label for="currentpassword" class="form-label">Current
Password</label>

        <input type="password" class="form-control"
name="currentpassword" id="currentpassword" required="true">

    </div>

    <div class="mb-3">

        <label for="newpassword" class="form-label">New Password</label>

        <input type="password" class="form-control" name="newpassword"
required="true">

    </div>

    <div class="mb-3">

        <label for="confirmpassword" class="form-label">Confirm
Password</label>

        <input type="password" class="form-control"
name="confirmpassword" id="confirmpassword" required="true">

    </div>

    <button type="submit" name="submit" class="btn btn-
primary">Change</button>

    </form>

</div>

</div>

</div>

</div>

<?php include_once('includes/footer.php'); ?>

</div>

<?php include_once('includes/back-totop.php'); ?>

</div>

<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"></script>

<script src="lib/chart/chart.min.js"></script>

```

```
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/tempusdominus/js/moment.min.js"></script>
<script src="lib/tempusdominus/js/moment-timezone.min.js"></script>
<script src="lib/tempusdominus/js/tempusdominus-bootstrap-4.min.js"></script>
<script src="js/main.js"></script>
</body>

</html>
```


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