School Management System







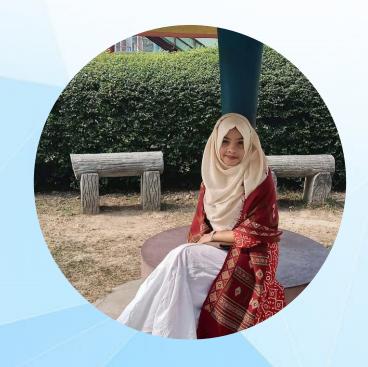














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Round - 54

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Application

The Consultant
IDB Bhaban,
Sher e Bangla, Nagar, Dhaka

Subject: Project proposal letter for the School Management System

Dear sir,

Thank you for offering us a great opportunity to make a real life project based on our core course that is Web Development with PHP and Framework(WDPF). In this project, I would like to inform you that We have decided to make a project on School Management System. We have studied about the various aspects of the system and make a proposal accordingly which is enclosed here with for your kind perusal. So, We think you will finally Approved the project and help to utilize our creativity.

Sincerely,

Name: Md. Mosharrof Hosain

ID: 1272786

Batch: WDPF/NCLC-M/54/01

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Introduction

- The purpose of this project proposal is to present the development of a comprehensive School Management Application that will serve as a centralized solution for managing various aspects of your School's operations.
- This School Management Application will offer a user-friendly interface and intuitive features, empowering your staff to efficiently handle booking, inventory, and Guest management tasks.
- With a focus on automation and data-driven decision-making, this application will streamline processes, reduce manual errors, and enhance overall productivity.
- By adopting this solution, your School will gain a competitive edge, as you
 will have real-time access to key performance indicators, enabling you to
 make informed business decisions promptly.

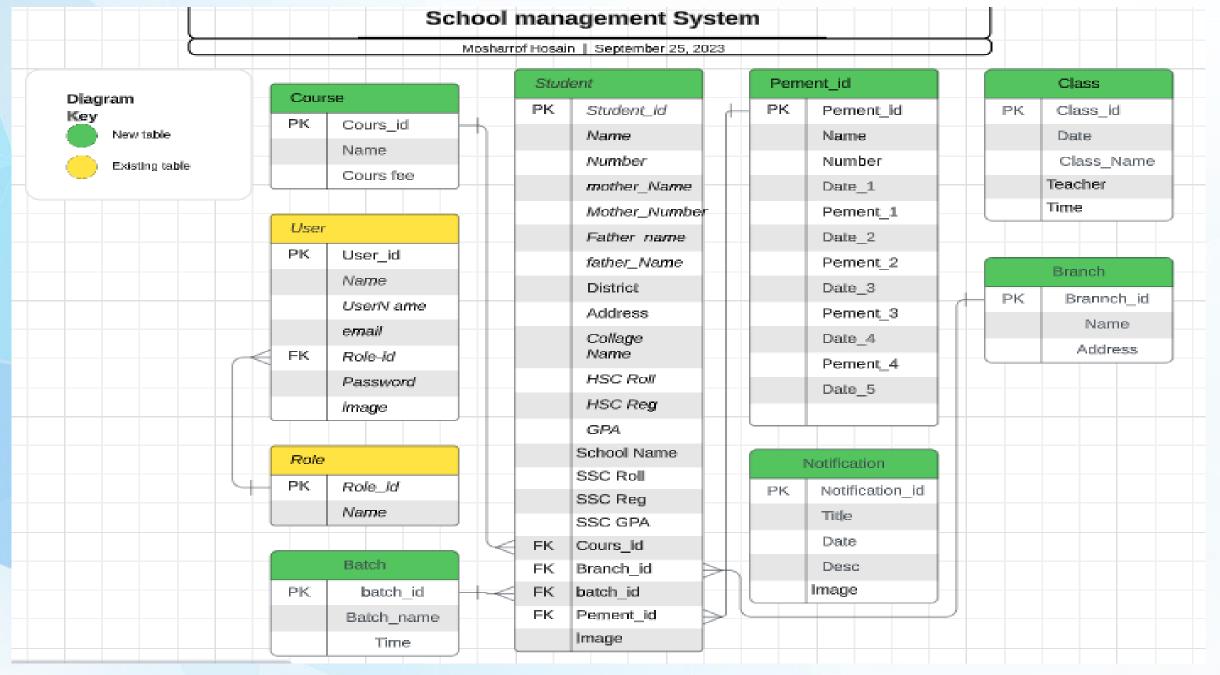
Objectives

- Automate the process of booking management, including order placement, tracking, and fulfillment.
- Integrate robust reporting and analytics capabilities to gain insights into booking trends, room performance, and profitability.
- Enhance security measures to protect sensitive guest and financial data.
- Provide user-friendly interfaces for easy navigation and quick adoption by School staff.
- Offer scalability and customization options to accommodate future growth and evolving business needs.
- Ensure compatibility with multiple devices, including desktops, tablets, and mobile devices, for on-the-go access to School management features.

Benefits

- Increased accuracy and productivity in managing School operations.
- Real-time tracking and analysis of Guest and inventory data for informed decision-making.
- Improved guest satisfaction through streamlined order management and invoicing processes.

ERD – Entity Relationship Diagram



Timeline And Milestone:

Milestone	Duration (Days)
Requirements Gathering	2
Design and User Interface	5
Development and Coding	15
Testing and Quality Assurance	5
Deployment and Launch	2
Project Completion and Handover	1
Total Duration	30

Technical Information Source:

Information Source	Description		
PHP.net	Official documentation and reference for PHP programming language		
MySQL.com	Official documentation and resources for MySQL database management system		
W3Schools	Online tutorials and guides for web development technologies, including PHP and MySQL		
Stack Overflow	Online community for programmers to ask and answer technical questions		
GitHub Repositories	Open-source projects and code repositories for PHP and MySQL		
codeigniter	Official documentation and reference for codeigniter		

Use of Tools and Technologies:

Tools and Technology	Description	Tools and Technology	Description
PHP	Server-side scripting language used for dynamic web development	codeigniter	Server-side scripting language used for dynamic web development
MySQL	Relational database management system for storing and retrieving data	Git	Version control system for tracking and managing code changes
HTML	Markup language for creating the structure and content of web pages	PhpStorm	Integrated development environment (IDE) for PHP development
CSS	Styling language for enhancing the appearance and layout of web pages	phpMyAdmin	Web-based administration tool for managing MySQL databases
Bootstrap	CSS framework for creating responsive and mobile-friendly web designs		

Application Form

General Questions					
posed Insured's Name: ose use cagnal letters)					
Birth Date:/ Gender:					
Phone Number: Email Address:					
ID Number: Social Security Number:					
Status: Single Married Devorced Others					
Occupation: Are you a retiree?					
Personal Details					
Name of Beneficiary :					
Bank Account : (or ID number for confirmation only)					
Name and Address of beneficiary's bank :					
Employee: O Yes O No Spouse: O Yes O No Children: O Yes O No Plan Choice: Plan Choice: Plan Choice:					
PLAN A Starting from \$25 per week" (prices excl. VAT, activation fees apply) See more details on page 17 PLAN B JOIN NOW I Starting from THB \$21 per week " (prices excl. VAT.) See more details on page 17					
The Policy					
Units Annual Premium:					
Payment Mode: Annual Semi-Annual Monthly PAT (complete PAT card) Cash with Application: \$					
Planned modal premium: \$					
Terms & Conditions Improvement should be measured regularly and assessed in order for you to knowle set you have a set you to knowle set you have a set y					

Methodology

Agile Development Approach:

- We will adopt an Agile development approach to provide flexibility and adaptability throughout the project lifecycle.
- Agile emphasizes iterative development, collaboration, and regular feedback to deliver incremental value to stakeholders.
- I will specifically follow the Scrum framework, which divides the project into sprints and emphasizes frequent communication and collaboration.

Design and Development Phase:

- I will design the database schema and establish the necessary entity relationships for efficient data management.
- I will develop the front-end user interface using PHP, ensuring an intuitive and user-friendly experience.
- Back-end functionality, such as inventory management, booking tracking, and reporting features, will be implemented using PHP and MySQL.
- Extensive testing and quality assurance will be performed to ensure the reliability, security, and performance of the software.

Methodology

Collaboration and Communication:

- We will actively seek feedback from stakeholders and incorporate it into the development process to ensure their needs are met.
- We will utilize project management and collaboration tools, such as task tracking systems and communication platforms, to enhance transparency and efficiency.

Continuous Improvement:

- Throughout the project, we will conduct regular retrospectives to identify areas of improvement and implement necessary adjustments.
- Feedback from end users and stakeholders will be highly valued and utilized to enhance the software's functionality and user experience.

Conclusion

- Our School management software proposal offers a comprehensive solution for efficient inventory and Booking management. With a welldefined Entity-Relationship Diagram (ERD) at its core, the software ensures seamless data organization and retrieval.
- In summary, our School management software proposal empowers businesses with efficient operations, optimized inventory control, and improved Guest satisfaction. It is a valuable tool for businesses of all sizes, aiding in their growth and success.

Thank You