



Group Information

Bangladesh Army University of Science and Technology (BAUST)

Department of
Computer Science and Engineering
(CSE)

High School Management System

Course code : CSE 2206

Course title : Database Management Systems Sessional

Course teacher : Hasan Muhammad Kafi, Assistant Professor

Group Information

Project name:
High School Management System

Group members



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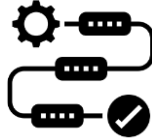








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Introduction



It is a well-featured user interactable web-based application.



It will evaluate and grow students skills according to their performance.



Improve communication between authorities and students.



Project title: High School Management System



Problem Definition

- ✓ Struggle with manual and time-consuming process.
- ✓ Data Management Complexity
- ✓ Challenging for effective communication
- ✓ Lack of Real-Time Updates
- ✓ Security and Privacy Risks
- ✓ Difficulty in Performance Analysis





Objectives

- ✓ To simplify administrative tasks
- ✓ To enhance communication
- ✓ To evaluate and grow students skills



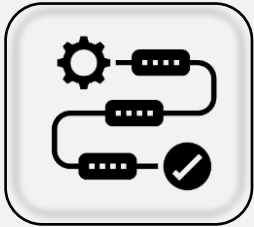


Related available projects



Related projects	Features	Limitations
Fekara	Comprehensive, Internal messaging system, User management.	Limited storage, Paid software
Fedena	Customizable, Online learning module, Affordable, Easy to use.	Hassle of registration, Paid software
Ascend SMS	Discipline Reporting, Relation between parents and educator, SMS Student Info Management	Limits the number of schools, only free to Catholic
SchoolTool	Attendance Tracking, Free software, Parent and Teacher Portals	Data Security Concerns, User Interface, Feature Set, Scalability.
Classe365	instant SMS Notifications, Finance and Billing, Gradebook and Assessment	User Adoption, Integration Options, Internet Dependency, Learning Curve

Project title: High School Management System



Methodology

Waterfall Model

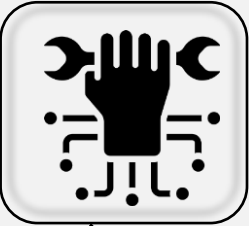
Requirement Analysis
And Specification

Design Phase

Implementation
And Unit Testing

Integration And
System Testing

Operation And
Maintenance Fees



Tools and technology



Programming Languages:

- PHP
- HTML
- CSS
- JavaScript



Database Management System:

- MySQL



Frameworks:

- Laravel



Version Control:

- Git





Conclusion



Automation and efficiency



Enhanced communication



Real-time data access



Data accuracy and consistency



Iterative development process





References

- ✓ HTML CSS Documentation: https://www.w3schools.com/html/html_css.asp
- ✓ PHP Documentation: <https://www.php.net/docs.php>
- ✓ MySQL Documentation: <https://dev.mysql.com/doc/>
- ✓ Laravel Documentation: <https://laravel.com/docs>





Thank you



Project title: High School Management System