Student Academics Management System

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Objectives

- Efficient Data Management
- Enhanced User Experience
- Streamlined Administrative Tasks

Gap Identification

- Manual Data Entry
- Limited Accessibility
- Extracurricular Overlooked
- Limited Student Ownership
- Paperwork and Documentation
- Dependency on Physical Records

Tools

Software Requirements:

- Operating System: Windows 10
- Integrated Development Environment: VS Code
- Web Server: XAMPP
- Database Management System: MySQL
- Core web technologies: PHP, HTML, CSS, JavaScript

Hardware Requirements:

- CPU: Quad core 2.10 GHz
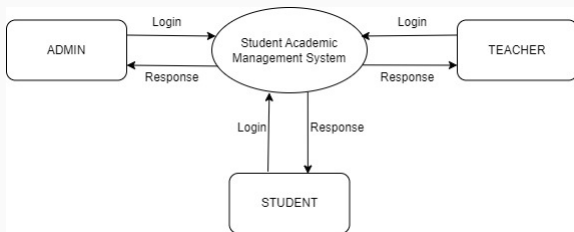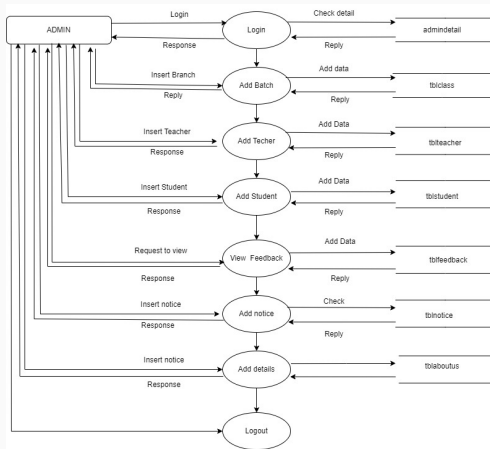- Processor: Amd Ryzen 5 3550H
- RAM: 8GB

Figure: DFD Level 0

Figure: Admin DFD

Figure: Teacher DFD
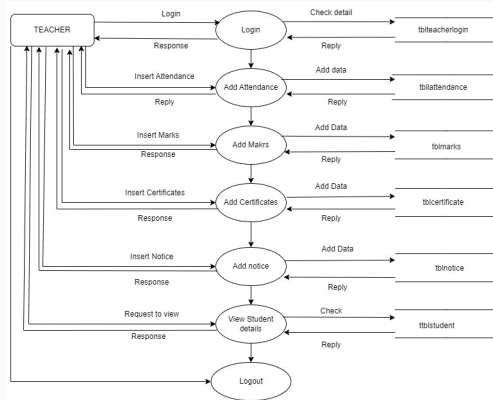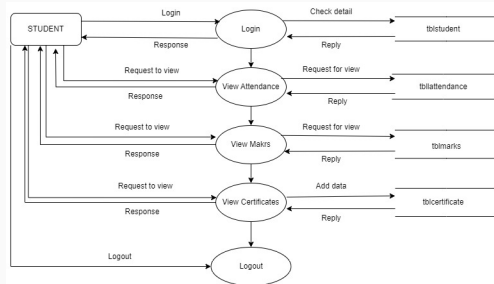
Design

Figure: Student DFD

Figure: Use Case Diagram

Git

Progress

- Requirements Gathering and Analysis(80%)
- Development(50%)
- Testing and Quality Assurenace(40%)
- Documentation(30%)

Conclusion

- Admin can manage students.
- Admin can sent notice to specific class and student from that class can view it.

Bibilography

- Mr. Sangamesh K, Mr.Akash Samanekar, Mr.Ningappa T Pujar Student Management System. ICRTT-2018 Volume 06 - Issue V15. International Journal of Engineering Research and Technology (IJERT).
- Liangqiu MENG, College Student Management System Design Using Computer Aided System, 2015 International Conference on Intelligent Transportation, Big Data Smart City(IEEE).