**SCHOOL MANAGEMENT SYSTEM**

**Student name: Gopal sharma ,Student id:GOP22601273**

**Student name:Venkatesh gokuloth,Student id:VEN22614549**

**Student name:Samuel bemi,Student ID:BEM22600935**

**Student name:Devika attipettiparambil lalu,Student id:ATT22605396**

**Project Scope: School Management Software**

1. Introduction:

The School Management Software is designed to streamline and enhance the administrative and academic processes within a school environment.

2. Features:

2.1 User Authentication:

Implement a secure user authentication system allowing students to log in with their unique user accounts.

2.2 Assessment and Assignment Submission:

Provide a user-friendly interface for students to submit assessments and assignments online.

Support various file formats for submission.

2.3 Results Viewing:

Enable students to access their academic results in real-time.

Display detailed breakdowns of individual assessments and overall grades.

3. Admin Panel:

3.1 User Management:

Allow administrators to manage student accounts, including account creation, deletion, and password resets.

3.2 Result Management:

Provide administrators with tools to input, update, and manage student results efficiently.

4. Notifications:

Implement a notification system to alert students and administrators about important announcements, upcoming deadlines, and system updates.

5. Reporting:

Generate customizable reports for administrators to track student performance, attendance, and other relevant metrics.

6. Security:

Implement robust security measures to protect sensitive student data and ensure data integrity.

Regularly update security protocols to address emerging threats.

7. User Interface:

Design an intuitive and user-friendly interface to enhance the user experience for both students and administrators.

8. Accessibility:

Ensure the software is accessible across different devices and platforms, promoting widespread usability.

9. Scalability:

Develop the software with scalability in mind to accommodate future growth and additional features.

10. Testing:

Conduct thorough testing, including functional, security, and user acceptance testing, to identify and rectify any issues before deployment.

11. Documentation:

Provide comprehensive documentation for users and administrators, including user manuals and system architecture documentation.

12. Deployment and Maintenance:

Plan for a smooth deployment process and establish a maintenance strategy for ongoing support and updates.

13. Compliance:

Ensure the software complies with relevant data protection regulations and industry standards.

14. Training:

Develop training materials and sessions to facilitate a smooth transition for users and administrators to the new system.

15. Future Enhancements:

Consider potential future enhancements such as integration with other school systems, mobile applications, or additional features based on user feedback.

16. Project Timeline:

This project will be delivered in 90days.

**USER PERSONA**

**Johnny McLonny**

Age : 15 pronouns:they /them

Educatipn: 10 th

Occupation :student

Location: London

School: new city school

**Bio**

johnny is a sophomore with a keen interest in the arts, particularly music.He is a member of schools jazz band and actively participates in various music-related activities.

**Interests**

* robotics
* science
* arts

**personality**

#goal oriented

#learn more #skilled

**Expectations from school management system**

* user friendly interface: johnny prefers a school management system with an iontuitive and user friendly interface to easily navigate through assignments,grades,and other essential information.
* Reminders and alert:timely reminders and alerts for upcoming assignments,rehersals,and school events would help johnny stay organized and on top of this commitments.

**ADMIN PERSONA**

**Name: Mark Wood**

Age : 35 Occupation: School Administrator

Background :

Mark has been working in school administration for past 05 years after switchiing his career from accounting in a private sector. He holds a Bachelor's degree in Business Administration and currently attains his Master’s in Business Administration. Mark is motivated by his desire to contribute to the smooth functioning of the school and helps students to get best possible educational experience.

**Goals:**

1. Managing student enrollment and maintaining all student records efficiently.
2. Organizing all schedule for students and staff like classes, exams, and school events.
3. All the important information provide to teachers, students and their parents/guardians.
4. Generating reports on attendance, grades, and other relevant data for school management.

**Frustrations**:

1. Time limitation owing to loads of work in a limited period of time is very challenging for mark to deal.
2. Sometimes mark finds difficulty in using the complex system hence cannot perform well and had stressed.
3. Keeping all stakeholders informed and engaged can be challenging, especially if communication channels are fragmented.
4. Ensuring the accuracy and security of student records and other sensitive data requires careful attention to detail.

**Traits and Preferences:**

1. Organized: Mark is meticulous in his work and values systems that help him stay organized and efficient.
2. Tech-proficient: While not a technology expert, Mark is comfortable using computers and appreciates intuitive software interfaces.
3. Collaborative: Mark enjoys working with others and values teamwork and cooperation in achieving shared goals.
4. Results-oriented: Mark is focused on achieving positive outcomes for the school and its students, whether it's improving efficiency, increasing student engagement, or enhancing academic performance.

**GITHUB LINK**

[**https://github.com/GopalShg/SMGS-SD2.git**](https://github.com/GopalShg/SMGS-SD2.git)

**CODE OF CONDUCT**

* **Communication:** Effective communication among group members is essential for a successful project. Engage in active listening to one another's viewpoints and thoughts. Ensure that all group members are updated about project updates and progress through efficient and timely communication.
* **Accountability and Responsibility:** Own the duties you are given and do your very best to do them. Observe deadlines and be proactive in communicating if problems occur that might affect the project's completion date. Take responsibility for the part you played in the project's success.
* **Respect and Inclusivity:** Show respect to every member of the group, irrespective of their backgrounds, perspectives, or skill levels. Establish a welcoming atmosphere where everyone is encouraged and feels appreciated. Steer clear of harassment, discrimination, and any other kind of contempt for other people.
* **Teamwork and Support:** Work well with others in the group to accomplish project objectives. Provide aid and encouragement to fellow team members who require assistance with their assignments. Exchange ideas, information, and resources to improve the performance and overall understanding of the group.
* **Integrity and Confidentiality:** Preserve the privacy of group discussions, documents, and information exchanged. Maintain the utmost levels of honesty and integrity in every facet of the endeavor. Avoid engaging in any type of academic dishonesty, such as cheating or plagiarism.
* **Conflict Resolution:** Have polite, productive conversations about issues or differences. Pay attention to all points of view and try to come up with ideas that everyone can agree on. If problems cannot be handled internally, ask the project supervisor or facilitator for help.
* **Feedback and Ongoing Improvement:** To help group members enhance their project efforts, provide them helpful criticism. Be receptive to criticism from others and see it as a chance for personal development. To improve project outcomes, the group should constantly evaluate its performance and pinpoint opportunities for development.
* **Adherence to Policies and Guidelines:** Pay attention to any directions, requirements, and guidelines that the teacher or project manager gives you. Respect the pertinent institution policies and procedures, such as those pertaining to ethical behavior, health and safety, and academic integrity.