Project Documentation: Schema Builder, Project Flow , Tools Used

Project team shall record a video to demonstrate the features developed and working of overall project.

Project Documentation

1. Schema Builder:

1.1 Database Schema

- Overview of the database schema used in the CRM application.
- Visual representation (ERD) of tables, relationships, and key fields.

1.2 Schema Builder Tool

- Description of the tools or technologies used to build and manage the database schema.
- Step-by-step instructions on using the schema builder tool.
- Handling database migrations.

2. Project Flow:

2.1 User Journey

- Description of the typical user journey through the CRM application.
- Identification of key touchpoints and interactions.

2.2 Workflow Diagram

- Visual representation of workflow diagrams illustrating the flow of data and processes within the system.
- Different user roles and their interactions.

2.3 Integration Points

- Highlighting external systems or APIs that the CRM integrates with.
- Details on data exchange between the CRM and other systems.

2.4 Error Handling

- Documentation on how the system handles errors and exceptions.
- Information on error messages and logging.

3. Tools Used:

3.1 Development Tools

- List of programming languages, frameworks, and libraries used in CRM development.
- Version control system (e.g., Git) and collaboration tools.

3.2 Database Management

- Database management system used (e.g., MySQL, PostgreSQL).
- Details on how database backups are performed.

3.3 Frontend Technologies

- Specification of frontend technologies used (e.g., React, Angular, Vue.js).
- Details about UI frameworks and components.

3.4 Backend Technologies

- Specification of backend technologies used (e.g., Node.js, Django, Ruby on Rails).
- Information on how server-side logic is handled.

3.5 APIs and Integrations

- List of third-party APIs integrated into the CRM.
- Documentation on authentication methods for API integrations.

3.6 Testing Frameworks

- Specification of testing frameworks used for unit testing, integration testing, and end-to-end testing.
- Details on testing environment setup.

3.7 Deployment Tools

- Documentation on tools and processes used for deploying the CRM to production.
- Details on continuous integration and continuous deployment (CI/CD) pipelines.

4. Video Demonstration:

4.1 Overview

- Brief introduction to the CRM application and its purpose.

4.2 Feature Demonstration

- In-depth demonstration of each proposed feature.
- Real-time interactions, explaining each step during navigation.

4.3 User Scenarios

- Presentation of specific user scenarios to showcase different roles interacting with the system.
- Highlighting efficiency and user-friendliness.

4.4 Error Handling

- Brief demonstration of how the system handles errors or unexpected scenarios.

4.5 Conclusion

- Summary of key features and their benefits.
- Encouragement for feedback and questions.

5. Conclusion and Next Steps:

5.1 Summary

- Summarize key points covered in the documentation.

5.2 Next Steps

- Information on the next steps, including testing, deployment, and ongoing maintenance.

6. Appendix:

- Additional documentation, such as code documentation, API documentation, or detailed technical specifications.

7. Version History:

- Maintaining a version history for documentation updates and changes.

This comprehensive project documentation will serve as a valuable resource for the project team and stakeholders. It provides a clear understanding of the project's architecture, workflow, and tools used.