Presented to the Industrial Engineering Department

De La Salle University – Manila Campus

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In partial fulfillment of the course

Computer Fundamentals and Programming 2

"title"

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Date of Submission

I.   Introduction

As Industrial Engineers, we have this never-ending goal of finding the most efficient way to do every single task given to us. The To-Do List Manager that is proposed by Group Athena is designed to streamline task organization and enhance productivity. Managing academic requirements together with daily responsibilities efficiently is crucial. This project aims to provide a user-friendly and feature-rich platform to create, edit, and organize tasks effectively.

As students of De La Salle University, we experience firsthand how individuals juggle various responsibilities across different domains—academics, organizational work, chores, and personal goals. The To-Do List Manager addresses the challenge of organizing tasks in a centralized and customizable manner, catering to diverse needs.

Goals and Objectives:
- Develop a robust To-Do List Manager with a focus on user experience.
- Provide a platform for creating, editing, and deleting tasks.
- Implement features such as deadlines, priority levels, and task completion status.
- Enable task sorting based on criteria like priority and deadlines.
- Introduce task categorization to facilitate organization.
- Ensure user-friendliness and accessibility.

Scope:
The project scope encompasses the development of a web-based To-Do List Manager. The application will support a range of features, providing flexibility to users in organizing their tasks efficiently.

II.   Methodology

The development will follow an iterative and agile methodology. Regular feedback loops will be incorporated to ensure that the evolving product aligns with user expectations. The process will consist of several major phases, each with its own set of tasks and objectives.

Planning and Requirement Analysis
Define the scope of the project, identify features, and gather user requirements.

Research

      Explore existing technologies and designs

      Relevant to task management applications.

      Investigate popular to-do list applications.

      Analyze design principles for intuitive user interfaces.

Design and Architecture

      Develop a user-friendly and efficient system architecture.

      Set up the project repository on GitHub.

      Implement basic task creation and editing.

      Develop features for setting deadlines and priority levels.

      Integrate task completion functionality.

      Enable sorting tasks by different criteria.

Development

      Implement the planned features and functionalities.

      Set up the project repository on GitHub.

      Implement basic task creation and editing.

      Develop features for setting deadlines and priority levels.

      Integrate task completion functionality.

      Enable sorting tasks by different criteria.

Testing and Demonstration

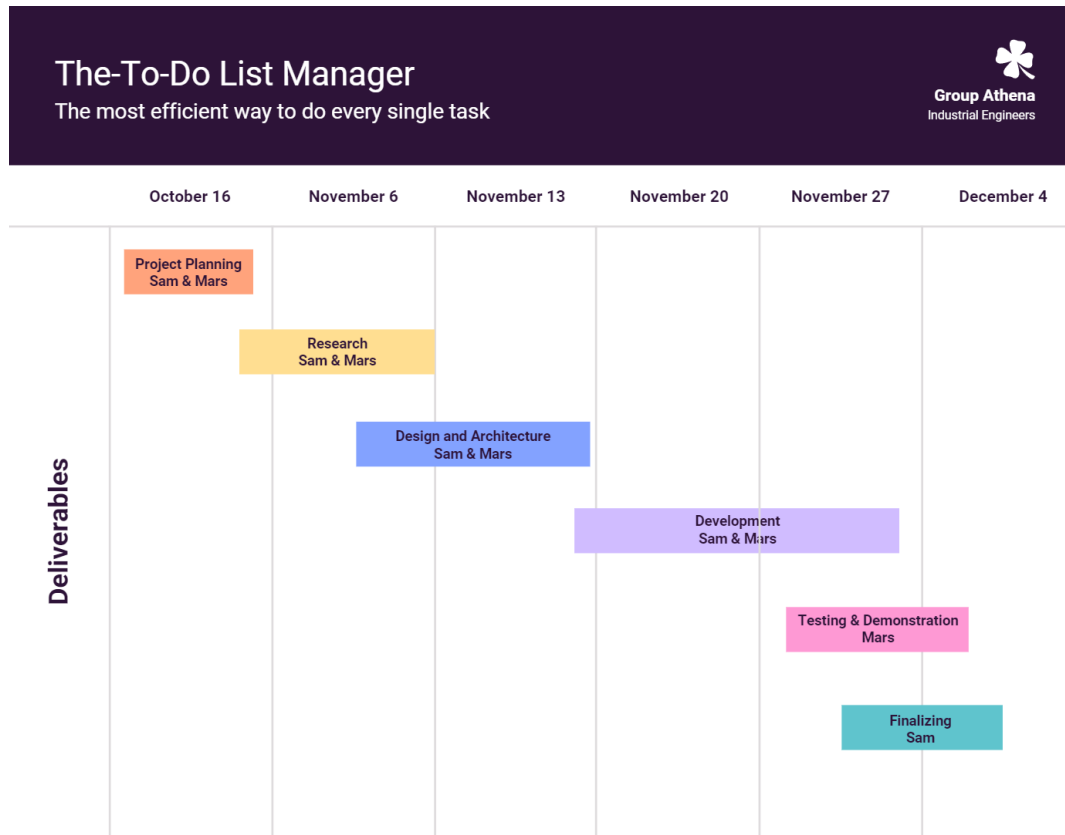   Ensure the reliability and functionality of the application.

Finalizing

      Address any remaining issues or bugs.

      Optimize the application for performance.

      Create documentation.

By following this methodology and incorporating regular feedback loops, the development team aims to create a dynamic and user-centric To-Do List Manager that evolves to meet user expectations and needs.

III.   Deliverables

Gantt Chart

The-To-Do List Manager
The most efficient way to do every single task

Group Athena
Industrial Engineers

| | October 16 | November 6 | November 13 | November 20 | November 27 | December 4 |

Deliverables

- Project Planning
  Sam & Mars
- Research
  Sam & Mars
- Design and Architecture
  Sam & Mars
- Development
  Sam & Mars
- Testing & Demonstration
  Mars
- Finalizing
  Sam

User Manual

Comprehensive guide for end-users on how to use the To-Do List Manager. Includes instructions for creating, editing, and deleting tasks, setting deadlines, using priority levels, marking tasks as completed, and sorting tasks by different criteria.

Technical Document

Covers system architecture, database schema, APIs, and code documentation.
As students working on this project, using GitHub for version control is an excellent choice. Make sure to create branches for each feature or task, submit pull requests for review, and

maintain a clean and organized repository. Regularly update the README with setup instructions and guidelines for contributors. Good luck with your project

IV. Evaluation

User Experience
Functionality
Documentation
Team Collaboration
Project Management
User Satisfaction

V. Conclusion

In conclusion, the To-Do List Manager project by Group Athena addresses the need for an efficient task organization tool, especially for students. By providing a user-friendly interface and robust features, the application aims to enhance productivity and help individuals manage their diverse tasks efficiently.

V. References

[Include here any references, frameworks, or technologies used during the project. This may include web development frameworks, design principles, etc.]

Kejriwal, S., Vishal, V., Gulati, A., & Gambhir, G. (2020). A Review Of Daily Productivity Growth Using Todo Manager. *International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) International Research Journal of Modernization in Engineering Technology and Science. Retrieved from www. irjmets. Com.*

Okuboyejo, S., Aremo, S., & Sowunmi, O. (2019). Implementing an Academic Task Manager: Findings from a Pilot Study. *Indian Journal of Science and Technology*, *12*, 4.

Shivam. "Todo-App-In-C." GitHub, 6 Oct. 2023, github.com/ShivamJoker/Todo-app-in-C. Accessed 13 Nov. 2023.