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# MINI PROJET WEB "PROJECT AND TASK MANAGMENT"

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# Introduction

Effective project and task management is essential for the success of any organization. With the increasing complexity of modern projects, it is becoming increasingly important to have a robust system in place for managing tasks and projects. In this final report, we present a project that focuses on developing a comprehensive task and project management system that allows users to easily add, delete and modify tasks and projects.

The project management system is designed to be user-friendly and flexible, allowing users to customize their tasks and projects according to their specific needs. The system provides a range of features including task assignment, progress tracking and deadline management that help users collaborate effectively.

Throughout the project, we have utilized modern software development methodologies and technologies to ensure that the system is scalable, reliable, and secure. We have also implemented various testing techniques to ensure that the system meets the desired level of quality.

This report provides a comprehensive overview of the project, including the methodology used, the system architecture, the features implemented, and the testing performed. We also discuss the challenges faced during the project and the solutions implemented to overcome them. Finally, we provide recommendations for future improvements to the system.

Overall, this project demonstrates the importance of effective project and task management, and the benefits of using a comprehensive system for managing tasks and projects.

## Functional needs

- Ability to create, modify, and delete tasks and projects.
- Task assignment to team members.
- Progress tracking and monitoring of tasks and projects.
- Ability to set deadlines for tasks and projects.

## **Non-functional needs**

- Performance: the system should respond quickly and efficiently to user requests.
- Reliability: the system should be stable and free from errors or downtime.
- Security: the system should have measures in place to protect user data and prevent unauthorized access.
- Scalability: the system should be able to handle increasing volumes of data and users as the organization grows.
- Usability: the system should be intuitive and easy to use, with clear and concise instructions.
- Accessibility: the system should be accessible to users with disabilities.
- Compatibility: the system should be compatible with a range of devices and browsers.

## **Actors**

Administrators: These are individuals responsible for managing the system, configuring user access permissions, and ensuring that the system is secure and functional. They use the system to manage user accounts, configure system settings, and generate reports.

## Diagram of use case

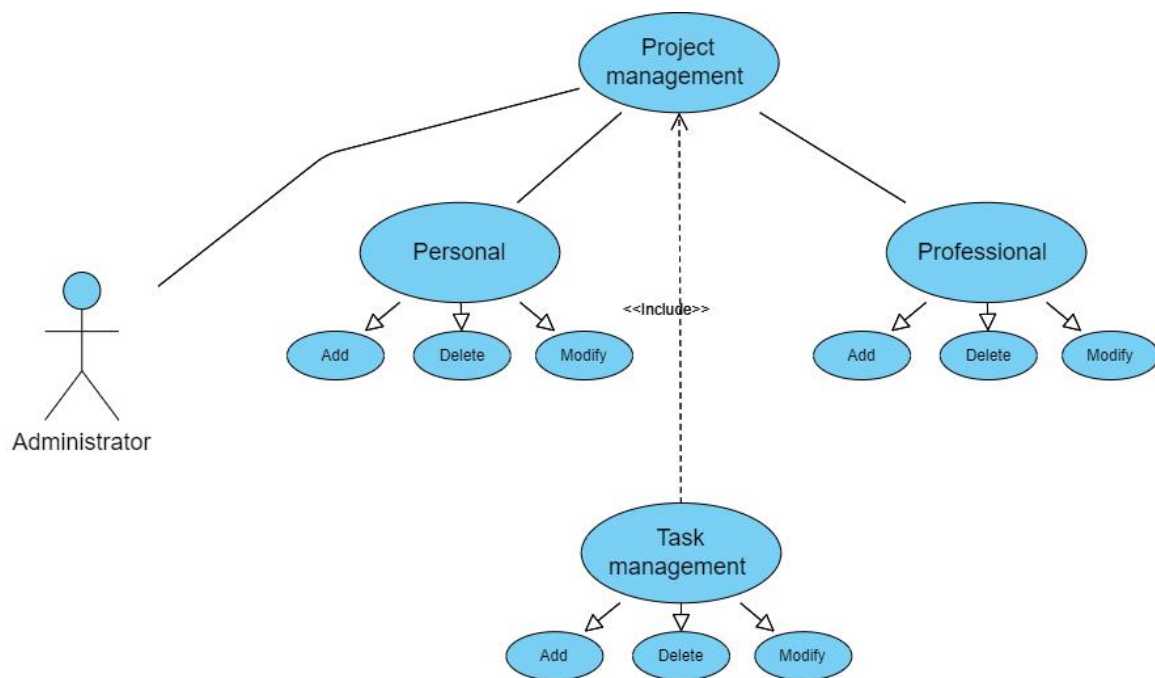


Figure 1: use case diagram

## Sequence diagrams:

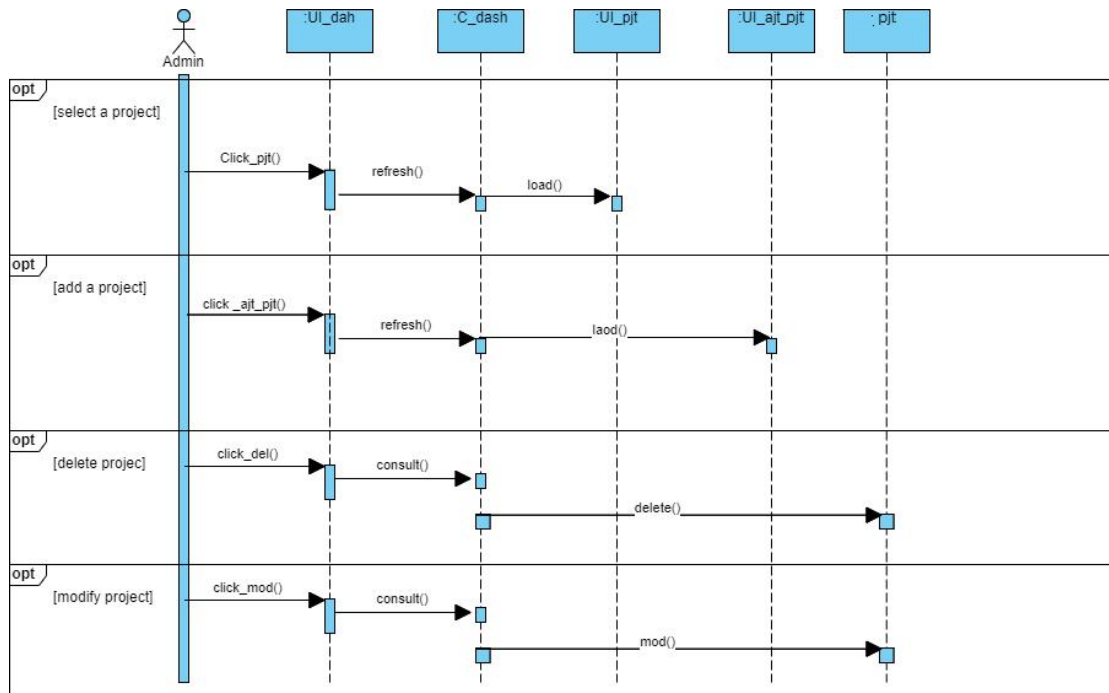


Figure 2: sequence diagram of project management

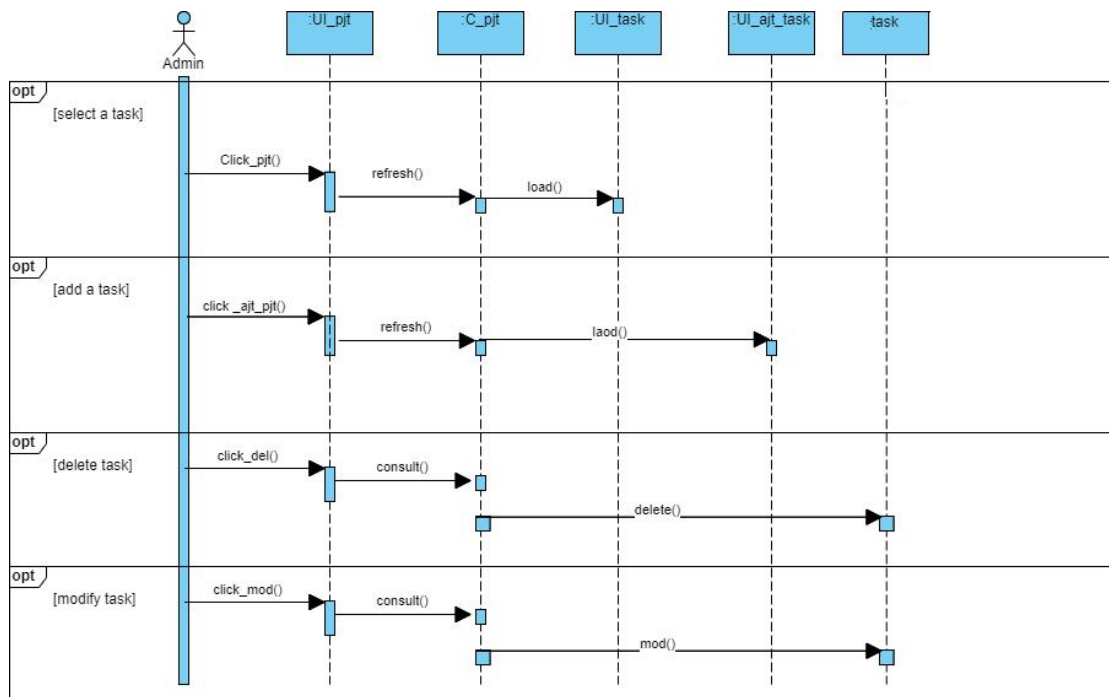


Figure 3: sequence diagram of task management

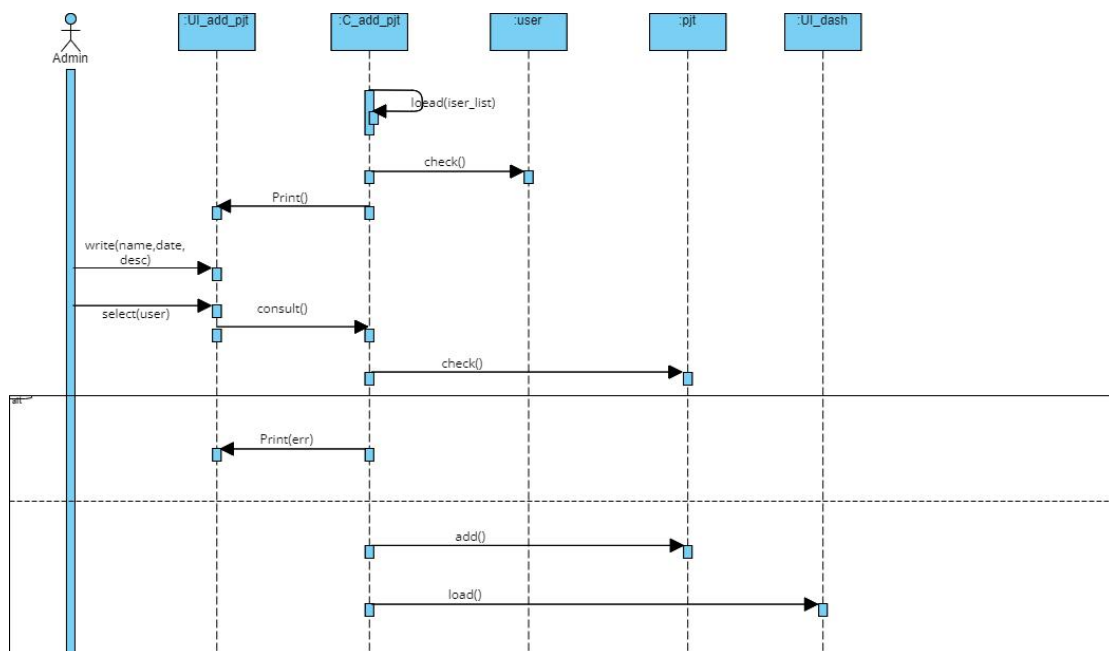


Figure 4: sequence diagram of adding a project

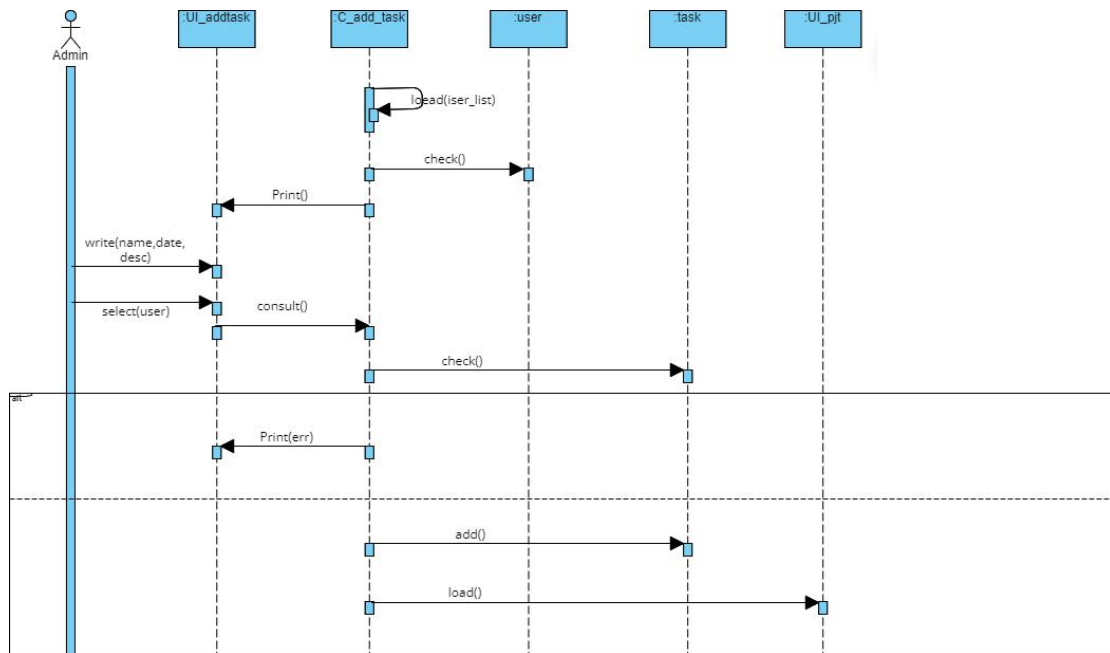


Figure n5: sequence diagram of adding a task