

IUT OF COLMAR

SAE 5.02 PILOTER UN PROJET INFORMATIQUE

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## **Tasko - Report on Our Project**

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# 1 Introduction

In today's fast-paced and collaborative work environments, effective task management is paramount to productivity and project success. "Tasko," a robust and user-friendly task management application, has been developed by a dedicated team of six talented individuals to meet the growing demands of modern task management. This report provides an in-depth analysis of Tasko, its key features, and how it empowers users to effortlessly manage their tasks and projects. From task creation and assignment to online data backup and Docker deployment, Tasko offers a comprehensive solution for individuals and teams striving to enhance productivity and streamline collaboration. This report will delve into the core functionalities of Tasko, shedding light on its potential to revolutionize the way we organize, track, and accomplish our tasks.

## 1.1 Features

Tasko offers a comprehensive set of features designed to streamline task and subtask management while enhancing collaboration and productivity. Users can effortlessly create, organize, and track tasks and subtasks to simplify even the most complex projects. Task assignment capabilities promote effective teamwork and accountability, making it easy to delegate responsibilities. Online backup options, including Git repositories and web servers, ensure that your data remains secure and accessible, providing peace of mind. Deadlines and due dates can be set to efficiently manage tasks and meet project goals, while the prioritization feature enables users to focus on what matters most and stay on top of their workloads. Customizable labels allow for quick task categorization and easy identification. Furthermore, Docker deployment simplifies Tasko setup, providing a hassle-free and consistent environment for users.

## 2 Organization

Swiftly, the need for effective organization became evident as we embarked on the journey of creating our project. It was at this point that I stepped forward to take on the role of Product Owner. My fellow team members graciously accepted my offer, recognizing my diplomatic nature and strong communication skills as valuable assets for this role. Subsequently, Thomas expressed his eagerness to assume the position of Scrum Master. With these key roles defined, we proceeded to divide the project into several distinct parts. These segments encompassed the backend and database development, frontend design, Docker/container implementation, documentation, and the creation of web HTML elements. Thomas, along

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with Mikhail and Nicolas, took charge of the web HTML/frontend portion, while Louis spearheaded the backend and database aspects. Victor assumed responsibility for the infrastructure related to Docker containers, while I adopted a versatile role, lending assistance wherever needed and primarily focusing on documentation. The allocation of these roles was carefully considered by the group members to foster harmonious collaboration and to prevent disagreement.