

Momentum

Project Idea

Momentum is a console application that helps users manage their daily tasks effectively. Users can create, update, delete, and view their tasks. Unlike a regular to-do list, this application includes specific categories for exercise, diet, and step tracking. A unique feature is that users can log their meals, select a diet, and have their macronutrients automatically calculated.

Background and Purpose

In today's society, it is becoming increasingly important to keep track of daily routines, especially related to health and productivity. Many people use different apps to log workouts, meals, and activities separately, which can be inefficient. By combining these features into one application, it becomes easier for users to get a holistic view of their daily habits. Momentum aims to provide an easy-to-use tool for anyone who wants to track their tasks, with a special focus on health and well-being.

Vision & Goal

Vision/Problem Statement

Momentum should help users organize their daily tasks and gain a better overview of their health by managing exercise, diet, and activity in a smooth way. The application targets anyone who wants better control over their daily routines, but especially those interested in improving their health through a structured and customized plan.

Clear Goals

Core Features:

- Create, update, delete, and view tasks in a list.

Health-Oriented Features:

- Categories for exercise, diet, and step tracking.
- Ability to log meals and have macronutrients automatically calculated based on grams of carbohydrates, fats, and proteins.
- Record daily steps to assess the day's efficiency; otherwise, users can jump on the treadmill or take a walk.

Success Measurement:

- Number of tasks created per user.
- Frequency of users logging their meals and steps.
- User feedback on how the system helps in daily life.

Stakeholder Mapping

Who is the customer, end-user, and other stakeholders?

Customer

The customer is the party that develops, finances, and distributes the application. This could

be a company, an organization, or an individual entrepreneur who is responsible for defining project goals and managing resources to ensure the app's success in the market. The customer is also responsible for deciding sales strategy, marketing, and distribution channels.

End-User

The end-user is the person who will use the application in their daily life. The target audience includes individuals seeking a solution to improve their organizational skills, especially with a focus on task management, diet, and exercise. These users strive for personal development, sustainable lifestyle changes, and achieving their long-term goals by logging and monitoring their daily performance.

Other Stakeholders

Testers:

Testers are responsible for identifying any technical issues, bugs, or user problems within the application. Their work ensures that the finished product is functional and user-friendly before being released to the market. Testers conduct both functional and non-functional tests to ensure the app's quality and performance.

Project Manager:

The project manager is the person who has overall responsibility for planning, executing, and monitoring the project's progress. The project manager oversees the work, ensures that deadlines are met, and is accountable for delivering the project within specified timelines and budget. The project manager also acts as a communication link between the customer, developers, and other stakeholders.

Role in the Project (Orderer, Developer, Tester)?

Orderer

Definition: The orderer is the person or organization that initiates the project and is primarily responsible for defining the project scope and goals. The orderer approves the project plan, resource allocation, and ensures the project is delivered according to the agreed-upon requirements. In this case, the orderer could be a company's management or an external client.

Developer

Definition: Developers are the ones responsible for creating the actual application through coding and technical implementation. They translate the functional requirements from the orderer into technical solutions. Developers are involved in design, programming, and integration of the system. They ensure that the application is user-friendly and meets all functional requirements.

Tester

Testers are a critical part of the project and are responsible for conducting tests of the application to identify and report bugs, performance improvements, and security issues. They ensure the application functions correctly across all platforms and is stable during use. Testers provide detailed feedback to the development team and help ensure a high-quality user experience.

End-User

The end-user is the person who will interact with the application and use it to achieve their daily goals and long-term dreams. End-users provide direct feedback on the application's functionality, user interface, and performance, making them crucial stakeholders in the project. Their needs and desires are fundamental for developing the app in the right direction and ensuring its success.