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This is the GitLab repository for our group KANA for the course COMP.SE.121 Software Product & Process Management

Product name and motto

Our product is a bullet journal web application called **TimeCrafters**. It helps the user create personalized tasks and goals so that they can easily track their work. It will have helpful features such as a calendar and timeline so that the user can monitor their progress on a higher level. Our motto is *"Crafting your time, one task at a time."*

Project Features and Tasks

1. *Feature: Scheduling*
- Task 1: Create a scheduling interface. Description: This task involves designing and implementing the user interface for scheduling tasks and events within the virtual bullet journal.
 - Task 2: Implement date and time picker: Develop functionality that allows users to choose specific dates and times when scheduling tasks.
 - Task 3: Develop reminder functionality: Implement a reminder system that sends notifications to users for upcoming scheduled events and tasks.
2. *Feature: To-Do Lists*
- Task 1: Design to-do list creation: Design the interface for creating to-do lists, ensuring a user-friendly experience for users to organize their tasks.
 - Task 2: Implement task prioritization: Develop functionality to prioritize tasks within to-do lists, allowing users to manage and focus on high-priority items.
 - Task 3: Add task completion functionality: Implement features that allow users to mark tasks as completed and visualize their progress.
3. *Feature: Reminders*
- Task 1: Set up reminder configuration: Create a configuration system that allows users to customize reminder settings based on their preferences.
 - Task 2: Implement notification system: Develop a notification system to inform users about reminders through in-app or email alerts.
4. *Feature: Progress Tracking*
- Task 1: Implement progress tracking interface: Create an interface that displays the progress of tasks and projects over time, visually representing their achievements.
 - Task 2: Visualize achievements and milestones: Implement visual elements that allow users to easily identify and celebrate achievements and milestones within their progress tracking.
5. *Gamification elements*
- The client wants to add some gamification elements to the product to boost users' engagement.
 - This new requirement takes the highest priority, and will be rolled out in the next release of the product.
 - This is discussed in more detail in the [Features](#) page.

Our technology stack

- Frontend client with Next.js as the framework and Tailwindcss using TypeScript.
- Backend with AWS Lambda for cloud computing and communicate through API Gateway.
- Database in DynamoDB

Project documentation

- Check out our Requirement elicitation process in [Requirement elicitation](#)
- Defining our Scopes, Goals through different features and our risk assessment + project plan in [Scope and Goal](#)

Comments