Project X

Overview

Project X is a sophisticated, end-to-end project management and execution platform engineered to optimize and expedite the entire project lifecycle. Commencing with the client's initial requirements document, the system seamlessly advances through key phases including concept note formulation, estimation report generation, proposal development, software requirements specification (SRS), wireframe creation, and prototype development. Enhanced by intelligent automation utilizing the TL Agent for precise task allocation and the Developer Agent for advanced coding support. Project X dramatically accelerates project timelines while reducing costs and resource expenditure. Leveraging AI-driven tools, customizable templates, manual editing capabilities, and multilingual voice assistance, Project X delivers high-quality, tailored solutions that align with diverse client specifications and organizational standards.

Modules

1. Concept Note Development:

Our product streamlines the traditionally time-consuming process of preparing a detailed concept note, which normally takes 2-3 days, by completing it in under 2 minutes. It allows users to input a comprehensive client requirement document outlining needs, objectives, and constraints, along with a project description and highlight points. Additionally, it offers the option to incorporate existing product data from the knowledge base to enhance analysis. The system intelligently combines the requirement document with team ideas and existing solutions to draft a project overview and proposed features aligned with client needs. Users can refine the draft using AI editing, manual editing, and artifact tools, as well as benefit from voice assistance throughout the drafting and refinement process, ensuring efficiency and precision.

2. Estimation Report Creation:

This streamlines the estimation report creation process, reducing the typical turnaround time from 1–2 weeks to under 2 minutes. Users begin by selecting a

specialized template tailored for private or government projects and choosing the relevant concept note. The platform requires users to enter certain mandatory fields to proceed with generating the estimation reports: technical, financial, or technofinancial. It features a DeepSearch mode that performs based on the user's query, examining current web data such as market trends, technology benchmarks, and cost comparisons, providing copilot-like intelligence. The system produces comprehensive technical reports covering technology stack, resource needs, and effort; detailed financial reports including budgets and cost breakdowns; and combined technofinancial reports integrating both domains. Users benefit from AI-powered editing, manual editing capabilities, artifact integration, and real-time voice assistance, enabling seamless revisions and refinements to generated reports as project requirements evolve.

3. Proposal Generation:

It transforms the proposal creation process, reducing preparation time from the typical 2 to 3 days to under 2 minutes. Users begin by choosing from purpose-built templates for either Private or Government projects. The system then enables the seamless input of both the concept note and estimation report. Leveraging integrated voice assistance, users can dictate content or easily customize proposal sections to match specific client objectives. The platform supports comprehensive manual editing, AI-powered editing, real-time artifact tool integration, and ongoing voice guidance empowering users to rapidly tailor proposals to client needs. As requirements evolve, users can seamlessly revise and refine every section, ensuring each proposal is precise, professional, and ready for delivery in record time.

4. Software Requirements Specification (SRS):

Our product dramatically accelerates the extraction of requirements from a concept note and the definition of system architecture, modules, and constraints tasks that traditionally take one to four weeks by completing them in under 4 minutes. Users simply input the concept note, and the platform automatically analyzes and structures key requirements. It then outlines the overall system architecture, specifies distinct modules, and identifies project constraints. To ensure accuracy and customization, the platform supports manual editing, voice assistance for dictation or revision, and artifact tools to incorporate supporting materials. This combination of AI-powered automation and hands-on refinement equips users to

produce professional-quality technical documentation with exceptional speed and precision.

5. Wireframe Design:

It enables the rapid creation of wireframes for key screens based on prompts from the Software Requirements Specification (SRS), reducing the typical multi-week process to under five minutes. Users can dynamically modify specific parts of the wireframes in real time through chat interactions, allowing instant adjustments. The platform supports iterative review and refinement by efficiently capturing stakeholder feedback. Leveraging advanced AI wireframing tools, it instantly converts textual prompts into low-fidelity wireframes, supports quick content and layout changes via conversational commands. This powerful combination of AI-driven generation, interactive editing, and collaborative review transforms the traditional wireframing workflow into a fast, flexible process perfectly aligned with project goals and client needs.

6. Prototype Development:

It drastically reduces the traditional prototype creation timeline from around one week into hours. Beginning with wireframes generated from the Software Requirements Specification (SRS), the system enables users to develop fully interactive prototypes by incorporating reference images that guide style, design, and color patterns to ensure visual consistency and brand alignment. Users can make real-time edits and refinements via a chat interface, adjusting layouts, interactions, or visual elements dynamically. Once finalized, the platform automatically generates the interactive user interface and outputs the prototype as a neatly organized folder containing separate HTML, CSS, and JavaScript files. This structure allows for easy integration with development workflows, effortless handoff, and further customization. The seamless combination of AI-driven automation, conversational editing, and output-ready code transforms what traditionally took a week into a rapid, flexible sub-five-minute process aligned with project goals and client needs.

7. Task Assignment via TL Agent:

The TL Agent streamlines project management by taking employee details and the Software Requirements Specification (SRS) as inputs. It intelligently assigns modules to the most suitable employees based on their skills and availability. The

system then automatically creates corresponding tasks in both Jira and the developer portal, ensuring seamless tracking and collaboration. Additionally, it sends timely notifications to keep all team members informed and aligned throughout the development process, enhancing efficiency and communication.

8. Developer Portal Access:

Developers log into the development portal to access their allocated modules. Within the portal, they can view detailed information about each assigned module and use built-in tools to generate module-specific code efficiently. The developers can interact with an intelligent chat-based coding agent, allowing them to request, modify, or refine code through real-time chat interactions. This AI-powered agent understands the requirements and instructions provided, dynamically producing or updating code for the assigned modules. This streamlined process ensures that developers have clear visibility of their responsibilities and the resources needed, while enabling faster, more flexible code generation aligned with project requirements.

Features

- **Client-Driven Start:** Projects commence with a client-provided requirement document to ensure precise alignment with client needs and expectations.
- **Artifact:**It is a powerful live editing mode that enables users to interactively modify project artifacts directly within the interface through chat-based or in-page controls. As users specify targeted changes such as updating sections of reports or altering elements the system automatically recreates and regenerates only the specified content in real time, without refreshing the entire artifact. Each update is instantly reflected, supporting seamless, rapid iteration and collaboration during project development.
- **DeepSearch Integration:** Incorporates a powerful DeepSearch mode that performs iterative analysis over current web data, market trends, benchmarks, and the internal knowledge base, providing robust, AI-driven, data-backed insights to enhance accurate and realistic estimation reports.
- **Manual Editing & Customization:** Allows comprehensive manual editing and customization of all artifacts such as concept notes, estimation reports, proposals, and SRS. Users can leverage integrated artifact tools for adding references and supporting materials.

- **Multilingual Voice Assistance:** Offers voice assistance supporting any language, with real-time translation into English, enabling users to dictate content, customize sections, and refine documents effortlessly through voice commands.
- **Structured Workflow:** Organizes the project lifecycle into defined phases, encompassing requirement extraction, system design, wireframing, prototype creation, task assignment, coding, and testing, allowing efficient, phase-driven execution.
- **Automation with AI Agents:** Utilizes AI agents for automation and productivity:
  - **TL Agent:** Automates task assignments by analyzing employee details and the SRS, allocating modules intelligently, creating Jira tasks, and sending notifications to relevant team members.
  - **Developer Agent:** Provides dynamic coding support through a chat-driven interface, enabling developers to generate, modify, and refine module-specific code interactively within the development portal.
- **Accelerated Production Times:** Transforms traditionally lengthy tasks—such as creating estimation reports (from weeks to minutes), extracting requirements and defining architecture (under 4 minutes), wireframe generation and iteration (under 5 minutes), and prototype development (under 5 minutes)—into rapid, AI-driven workflows.
- **Scalability & Flexibility:** Supports projects of varying sizes and complexity with customizable templates tailored separately for Private and Government clients, ensuring compliance and relevance to the project context.

Conclusion

Project X delivers a robust, modular, and fully automated workflow initiated directly by the client's requirement document, ensuring precise alignment with client needs. By seamlessly combining AI-powered artifact generation, DeepSearch-enhanced estimation analysis, flexible manual editing, and multilingual voice assistance, the platform streamlines the entire project lifecycle. This holistic approach accelerates traditionally lengthy tasks such as requirements extraction, system design, wireframing, prototyping, task assignment, and coding into efficient, minutes-long processes without sacrificing quality or customization. Project X thus empowers teams to deliver high-quality, tailored software solutions with unprecedented speed, accuracy, and scalability across diverse client contexts.