Overview

- Problem Statement: The target audience, which includes clients seeking software development services, faces challenges in accurately estimating the costs associated with their projects. This often leads to confusion, miscommunication, and potential budget overruns. Clients may not have a clear understanding of the criteria that influence software costs, making it difficult for them to make informed decisions. The lack of a streamlined process for gathering and analyzing these criteria exacerbates the problem, resulting in inefficient project planning and execution.

- User Workflow: The user workflow begins with the client accessing the platform to initiate a conversation. The client, who may be a project manager or business owner, engages with the chat feature to discuss their software requirements. The platform prompts the user to provide key criteria for their software project, such as functionality, technology stack, and timeline. As the conversation progresses, the platform analyzes the input in real-time, ensuring that all necessary criteria are addressed. Once the criteria are fully gathered, the platform notifies the user that all requirements have been met and generates a comprehensive report detailing the estimated costs based on the provided information.

- Core Features: The platform must include a chat feature that allows for real-time interaction with users, a criteria identification system that guides users in specifying their software needs, and a reporting functionality that compiles the gathered information into a detailed cost estimation report. Additionally, the platform should have a notification system to inform users when all criteria have been met.

- Software Platform: The software will operate as a web-based platform, accessible via standard web browsers. It should be designed to be user-friendly and responsive, ensuring compatibility across various devices, including desktops, tablets, and smartphones. The technical requirements may include a backend server for processing user inputs and generating reports, as well as a database for storing user data and criteria.

Cost Breakdown

Costs are calculated based on the estimated hours of a single full-stack developer at a rate of $80 / hour

Description	Hours	Total ($)
Completion Notification System	15	$1200
Backend Server Functionality	50	$4000
Database Setup	20	$1600
Chat Feature Implementation	30	$2400
Web-Based Accessibility	40	$3200
Real-Time Chat Interface	30	$2400
Criteria Identification System	25	$2000
Cost Estimation Report Generation	35	$2800
Notification System Implementation	15	$1200
Total	260	$20800