**BeBetter - Personalized Self-Improvement Website**

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**Executive Summary**

The BeBetter project is a self-improvement website designed to help users achieve personal growth through AI and machine learning-powered features. The website enables users to set personalized goals, track their progress, and receive adaptive suggestions based on their actions. By transitioning from a mobile application to a website, BeBetter ensures broader accessibility, simplified updates, and cross-platform compatibility. The scope of the project covers the development of the platform, with a timeline of 8 months and a total cost of $50,000. The project aims to serve users seeking to enhance their productivity, health, and personal development.

**Introduction**

**Background**

Self-improvement is a key part of personal and professional success. However, many individuals struggle to maintain motivation or track progress consistently. BeBetter solves this problem by offering tailored advice and goal-tracking features in an accessible web-based format.

**Objectives**

The main objective is to develop a website that supports users in their journey of self-improvement through personalized experiences.

**Target Audience**

The platform is aimed at individuals who are looking to improve themselves in areas like health, productivity, and personal development. This includes young professionals, students, and self-driven individuals of various ages.

**Scope**

**Project Boundaries**

* **Within Scope**: Development of a fully functional website with features including user profiles, goal-setting, progress tracking, and AI-based recommendations.
* **Out of Scope**: Offline support and advanced physical device integrations (e.g., IoT fitness devices).

**Deliverables**

* A responsive web platform accessible via modern browsers.
* Key features such as:
  + User profile creation
  + Goal setting
  + Progress tracking with visual analytics
  + AI-powered personalized recommendations
  + Notifications and community engagement features

**Planning**

**Requirements**

* **Functional**:
  + User registration and secure login (considering 2FA).
  + Dashboard with real-time progress insights.
  + AI-driven recommendation engine.
  + Progress tracking with detailed reports.
  + Notifications for engagement and updates.
* **Non-Functional**:
  + High scalability to accommodate 5,000+ users.
  + Compliance with data protection regulations (e.g., GDPR).
  + Smooth, responsive UI/UX for cross-device compatibility.

**Design**

The website will feature a clean, user-friendly interface with a dashboard displaying user goals, progress, and recommendations.

**Tech Stack**

* **Front-end**: React for dynamic, responsive design.
* **Back-end**: Python with Django for robust functionality.
* **Database**: PostgreSQL for efficient user data management.
* **Hosting**: AWS for scalable infrastructure.

**Timeline**

**Project Schedule**

1. **Requirements Gathering**: Complete by October 25, 2024.
2. **Design Phase**: Complete by December 6, 2024.
3. **Core Feature Development**: Complete by March 1, 2025.
4. **Testing and Feedback**: Complete by March 30, 2025.
5. **Deployment**: Complete by April 15, 2025.

**Milestones**

* Functional Requirements finalized: October 25, 2024.
* Prototypes and Mockups: December 6, 2024.
* Alpha Version Testing: February 2025.
* Final Version Deployment: April 2025.

**Cost**

**Budget Breakdown**

* **Development Costs**: $25,000
  + Salaries for front-end, back-end, and AI development.
* **Design and Testing**: $12,000
  + UI/UX design, prototyping, and user feedback collection.
* **Hosting and Cloud Services**: $8,000
  + AWS hosting and cloud storage.
* **Miscellaneous Costs**: $5,000
  + Licensing for third-party tools, marketing, and unexpected expenses.

**Implementation**

**Development Process**

The platform will be developed using an agile methodology, with iterative cycles for design, development, and testing to ensure alignment with user needs and feedback.

**Challenges**

* Integration of AI-based recommendations.
* Ensuring cross-browser and cross-device compatibility.
* Data security and compliance with regulations.

**Testing and Deployment**

**Testing**

* Functional Testing
* UI/UX Testing
* User Acceptance Testing

**Deployment**

* Hosting via AWS for scalability and reliability.
* Comprehensive deployment procedures, including database setup and server configurations.

**Results and Feedback**

**User Feedback**

Users highlighted ease of use and personalized recommendations as key strengths. Future updates will focus on:

* More detailed progress reports.
* Enhanced community engagement features.

**Improvements**

* Integration of advanced AI capabilities.
* Social sharing options for users.

**Conclusion**

**Summary**

The BeBetter web platform meets its objectives of providing personalized self-improvement tools. The shift to a web-based approach ensures greater accessibility and scalability.

**Future Scope**

Future iterations will explore additional self-improvement areas such as mental health, habits, and career development while expanding market reach and user engagement.