

EDGE PROJECT: DEPARTMENT OF ICT, MBSTU

DELIVERABLE

Project title: Spiritual Growth Diary Project

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November 7, 2024

Date	Revision	Release Notes
11-09-2024	Rev 01	Initial Release



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1 Abstract

This project, "Spiritual Growth Diary," aims to assist users in nurturing their spiritual journey by providing a daily tracker for Quran recitation, Hadith study, Islamic book reading, and self-reflection. The application will encourage users to maintain consistency, achieve spiritual milestones, and reflect on their daily actions.

2 Introduction

The Spiritual Growth Diary project is designed as a digital diary to foster daily spiritual practices. In today's fast-paced world, keeping track of religious activities can be challenging. This application will serve as a personal companion, motivating users to establish a daily routine for spiritual improvement. The main objectives are to help users:

- Engage in regular Quran recitation.
- Study and reflect on Hadith.
- Read Islamic literature.
- Practice self-reflection and mindfulness.

3 Completion Plan

3.1 Phase 1: Planning and Requirements Gathering

- Identify key components: Quran recitation, Hadith study, Islamic book reading, daily reflections, and good deeds.
- Conduct user surveys to understand features they would find useful (e.g., reminders, progress summaries, motivational quotes).
- Define data security requirements for user privacy, considering sensitive religious and personal reflections.

3.2 Phase 2: Design

- User Interface (UI): Simple, clean design with a user-friendly interface that includes a calendar view, daily reminders, and easy navigation.
- Daily Log Screen: Sections for each activity (e.g., Quran recitation, Hadith study, etc.), with space for users to input their progress.
- Visual Progress Tracking: Graphs or icons indicating the user's progress in each area.
- Inspirational Themes: Option to customize the diary with backgrounds, Islamic calligraphy, or daily motivational quotes.

3.3 Phase 3: Development

- Backend Development (Django): Implementing the core functionalities, including user registration, login, and secure data storage for entries.
- Frontend Development (HTML/CSS/JavaScript): Developing an interactive and responsive user interface.
- Feature Implementation:
 - Quran Tracker: Daily Quran tracking with input for surah and ayah completed.
 - Hadith Tracker: Input fields for Hadith titles and notes, with a progress meter (e.g., 2 Hadith read = "Good," 5 = "Excellent," 10 = "Incredible").
 - Islamic Book Tracker: Book selection and page tracking for users to monitor their reading.
 - Self-Reflection Journal: Prompts for users to write about their intentions, deeds, and reflections, stored securely.
 - Namaz Tahajjud Tracker: Daily check-in for each prayer, with emojis for feedback, and a special gift box icon for Tahajjud achievements.

3.4 Phase 4: Testing

- Functionality Testing: Ensure each feature works as expected (e.g., tracking accuracy, updating progress visuals).
- Usability Testing: Gather user feedback on the interface and overall experience.
- Security Testing: Protect users' personal data, especially their daily reflections and spiritual entries.

3.5 Phase 5: Deployment

- Host the application on a server or cloud service.
- Configure domain settings if needed, and deploy the application for public access.
- Enable backup options to avoid data loss and maintain the integrity of users' spiritual records.

3.6 Phase 6: Maintenance

- Regular updates based on user feedback to improve the application's functionality and UI.
- Security patches to safeguard user data.
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4 Proposed Application Details

4.1 Features:

- Quran Recitation Tracker: Tracks daily recitation and offers congratulatory messages upon completing set goals or the entire Quran.
- Hadith Tracker: Displays the user's Hadith reading progress with motivational messages to encourage further reading.
- Islamic Book Tracker: Allows users to select and track their progress in Islamic books they are reading.

- Daily Reflection and Good Deeds Log: Encourages users to input thoughts on their intentions and daily good deeds.
- Prayer (Namaz) and Tahajjud Tracker: Provides a way to check in for each prayer and rewards Tahajjud completion with a virtual gift.
- Personalized Reminders: Optional notifications to remind users of their daily goals.
- Data Visualization: Graphs and visual indicators of progress in each activity.

4.2 Technical Stack:

- Backend: Django (Python) framework for data handling and secure user authentication.
- Frontend: HTML, CSS, and JavaScript for an interactive user interface.
- Database: SQLite or PostgreSQL for efficient storage and retrieval of user data.
- Hosting: Heroku, DigitalOcean, or any other reliable hosting service.
- Version Control: Git/GitHub for collaboration and version management.

5 Discussion

5.1 Challenges:

- User Engagement: Motivating users to consistently log their activities and keep the application open daily.
- Data Security: Ensuring users' personal and spiritual data is kept private and secure from unauthorized access.
- Scalability: Managing increased user data as the application grows.

5.2 Benefits:

- Promotes Consistent Spiritual Growth: Helps users stay on track with daily religious practices and offers motivational feedback.
- Reflective Practice: The self-reflection feature enables users to develop mindfulness and a deeper connection with their intentions and actions.

- Convenient and Accessible: Makes spiritual tracking and habit-building accessible anytime, enhancing users' daily routines.

5.3 Future Enhancements:

- Multilingual Support: Adding support for multiple languages to reach a wider audience.
- Community Engagement: Introducing community features where users can connect, share achievements, and motivate each other.
- Special Features for Ramadan: A dedicated section with additional tracking for fasting, increased Quran reading goals, and charity tracking.

6 Conclusion

The Spiritual Growth Diary is designed to support users in cultivating and maintaining a structured spiritual routine. By tracking their Quran recitation, Hadith study, and other activities, users can deepen their spiritual connection and engage in self-improvement. This application has the potential to become a meaningful tool for anyone interested in daily spiritual practices.