**Personal Knowledge Hub Project Documentation**

Introduction:

As per the project requirement, I designed and built a responsive website called Personal Knowledge Hub, aimed at providing users with a centralized platform to manage their notes, tasks, and track progress. This document outlines the project's objectives, design decisions, technical implementation, and functionality.

Objectives:

The primary objectives of this project were to:

1. Create a user-friendly interface for users to organize and access their notes and tasks.

2. Develop a responsive design that adapts to various devices and screen sizes.

3. Implement interactive features to enhance user engagement.

4. Provide a clean and minimalistic design to promote productivity.

Design Decisions:

To achieve the project's objectives, I made the following design decisions:

1. Color Scheme: A calming color palette consisting of shades of gray, white, and yellow (#FFD700) was chosen to promote focus and productivity.

2. Typography: Arial and sans-serif fonts were used for readability and consistency.

3. Layout: A flexible grid system was implemented to ensure responsive design.

4. Iconography: Simple icons (e.g., &#9776; and &#10094;) were used to enhance visual appeal and user interaction.

Technical Implementation:

The website was built using:

1. HTML5: For structuring content and defining sections.

2. CSS3: For styling, layout, and responsive design.

3. JavaScript: For interactive features, DOM manipulation, and event handling.

Functionality:

The website consists of four main sections:

1. Home: An introductory section with a call-to-action button to direct users to the dashboard.

2. Dashboard: A central hub displaying achievements, notes, and tasks.

3. Notes: A section for users to add, edit, and manage notes.

4. Tasks: A section for users to add, edit, delete, and mark tasks as done.

Interactive Features

1. Sidebar Toggle: Users can toggle the sidebar on and off using the &#9776; icon.

2. Image Gallery: Users can navigate through images in the notes section using prev/next buttons.

3. Task Management: Users can add, edit, delete, and mark tasks as done.

4. Note Editing: Users can add and edit notes.

Responsive Design:

Media queries were used to ensure a responsive design that adapts to various devices and screen sizes, including:

1. \*Desktop\*: 1200px and above

2. Tablet: 768px to 1199px

3. Mobile: 767px and below

Conclusion:

The Personal Knowledge Hub project demonstrates my ability to design and develop a responsive website with interactive features, promoting user engagement and productivity. This project showcases my understanding of HTML, CSS, JavaScript, and responsive design principles.