Marketplace Technical Foundation

1.Docunments:

Overview

This document outlines the system for the website, detailing the interaction between the frontend, Sanity , CMS and APIs.

Components

Frontend:

1.Developed using modern web technologies (Next.js with Tailwind CSS).

2.Responsible for rendering the user interface and handling client-side interactions

Sanity CMS

1. Acts as the backend content management system for managing dynamic content like portfolio, blog posts and product information

APIs

1.integrates external services for specific functionality like payment processing , live chat

Roles of components:

1.Frontend

Headless user input and display data fetched from sanity CMS or APIs

Provides a seamless and responsive user experience

2.Sanity CMS

Stores and manages structured content for the website

Serves as the single source of truth for all dynamic data

3.APIs

Payments APIs: process client payments.

Communication APIs: enable real-time communication.

Technical Roadmap

Milestones

1.Frontend development

Design and implement the website using next.js and tailwind CSS

Integrate dynamic content fetching from sanity CMS

2.Sanity CMS Integration

Set up schemas for users , projects , services , faqs and careers

Configure sanity dashboard for content management.

3.APIs Integration

Scheduling and calendar APIs

Project management APIs

Analytics and tracking APIs

4.Testing and Q/A

Perform unit testing for APIs endpoints

Conduct end-to-end testing for workflow

5.Deployment

Deploy the website on vercel

Monitor performance and ensure scalability

Deliverables:

Fully functional and responsive website.

Integrated CMS and APIs.

Comprehensive documentation and testing reports.