Project Scope Management

1. **Needs:** Identify the needs of the clients/stakeholders explained in a few sentences.

The clients and stakeholders require a user-friendly e-commerce platform offering a diverse range of household essentials. . They seek convenience in browsing, searching, and purchasing products, with a focus on detailed product information, secure transactions, and home delivery.

2. **Scope:** Describe the scope of the project from a high level (one paragraph)

The Home Essential Emporium, an e-commerce platform launching soon, brings essential household items like kitchenware, home decor, and even unique antiques to your fingertips. Browse and search easily, then securely purchase with detailed product information, a user-friendly interface, and personal accounts. Focus on household essentials only, delivered straight to your door, all within budget and on schedule. So skip the physical stores and explore the Emporium – your one-stop shop for convenient home essentials.

3. **Business Objective**: One or two sentences.

The project establishes and operates Home Essential Emporium, an online household retail store, offering a diverse range of high-quality products for homes. Our aim is to provide customers with convenience, affordability, and satisfaction through a user-friendly e-commerce platform;your one stop for all home needs!

4. **Project Requirements:**  List the requirements with their respective priorities based on your discussion with the clients/shareholders.

Priority(High):

1. User-friendly interface with high priority
2. Secure payment gateway integration
3. Comprehensive product catalog with detailed descriptions
4. Reliable shipping and delivery options

Priority(Medium):

1. Effective communication channels for customer support

5. **When it will be delivered/completed:** (timeline + milestones)

Milestone 1: (02/14/2024 - 03/10/2024)

- User Requirement Gathering

- UI/ UX

- Frontend

Milestone 2: (03/11/2024 - 04/10/2024)

- Backend

- Core Testing

- Integration

Milestone 3: (04/11/2024 - 04/25/2024)

- Payment Gateway

- Bug Fixes

- Deployment

The scheduled delivery date for the product is April 27th, 2024(04/27/1024).

6. **Resources:**

**a.** **Team Members Responsibilities**

| **Project Manager** | Revanth Appasani |
| --- | --- |
| **Scrum Master** | GopiChand Karanam |
| **Developers (Frontend)** | 1. Haritha Kolusu 2. Akash Gadiparthi |
| **Developers (Backend)** | 1. Nikhila Mateti 2. Saroj Paudel |
| **Quality Assurance** | Amulya Boggavarapu |

**b.** **Stakeholders**

Client/ Project Owner

* Prem Rakesh Alasakani

Project Manager

* Revanth Appasani

Customers

Vendors

Developers

Testers

**c.** **Other Resources (Computer, Software, etc.)**

* Payment gateway like Stripe.
* Proper communication channel Slack.
* Database and Server hosting platforms like AWS.
* Domain marketplace like Godaddy.com.
* Project Management tool like Github Project.
* Adobe Experience Manager (Content Management Service)
* Twilio for Messaging.
* Tensorflow for Recommendation System.

7. **Constraints and limitations:** Could include cost , scope, time, resources and risk.

Cost Constraints:

* The budget allocated for this project is $200,000. All project related expenses like initial development environment, software purchases, initial hosting services, etc. should come under the budget.
* Cost associated with allocating the number of development teams shouldn’t exceed the budget limitations.

Scope Constraints:

* The website should be constrained within the predefined set of features and functionality.
* Any new features introduced by the client will be thought carefully by the project manager in terms of time and budget constraints and accept them.

Time Constraints:

* The milestones should be completed by the set time and respective deliverables should be ready by the end of each milestone.
* If any additional features are introduced by the client will be completed within the predefined timeline.

Resources Constraints:

* Any resource shortage like skilled resources shortage, depreciation of tools and technology, usage exceeding of the virtual servers, etc. should be immediately addressed to prevent delays.

Risk Constraints:

* Various risks such as technical challenges, market fluctuations, cybersecurity threats, etc. needs to be addressed to prevent the delays.

8. **Exclusions and Assumptions :** Anything excluded from the project.

* Exclusions: Physical retail stores, wholesale operations, and non-household retail products.
* Assumptions: Assumptions may include stable internet connectivity, availability of necessary resources, and adherence to project timelines and requirements.