Software Requirements Specification

for

AMAZON CLONE APP

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20/05/2022

1. Introduction

1.1 Purpose

The purpose of this project is to get hands easy on creating single page apps like amazon clone app

1.2 Document Conventions

Priorities for higher-level requirements are assumed to be inherited by detailed requirements, or whether every requirement statement is to have its own priority.

1.3 Intended Audience and Reading Suggestions

Different types of reader that the document is intended for, such as developers, project managers, marketing staff, users, testers, and documentation writers. Beginning with the overview sections and proceeding through the sections that are most pertinent to each reader type.

1.4 Project Scope

The main objective of amazon clone app is to order products and this products are provided with some basic specifications, return policy and subscription policy

1.5 References

https://www.freeprojectz.com/premium-synopsis/synopsis-school-management-system#:~:text=The%20main%20objective%20of%20the,administrator%20is%20guaranteed%20the%20access.

2. Overall Description

2.1 Product Perspective

This product is a follow-on member of a product family, a replacement for certain existing systems, or a new, self-contained product. If the SRS defines a component of a larger system, relate the requirements of the larger system to the functionality of this software and identify interfaces between the two.

2.2 Product Features

An application to reduce the manual works of buyers, sellers and providing expenses for delivery workers.

2.3 Operating Environment

REACT JS, FIREBASE, REDUX-THUNK

Functional Requirements

Functional requirements define the fundamental actions that system must perform.

- *Products specification*
  The application displayes products data to users.

- *Add to cart*
  This application can add products.

- *Remove from cart*
  This application can remove products from cart.

- *Login procedure*

Other Nonfunctional Requirements

Non -Functional requirements define the needs in terms of performance, logical database requirements, design constraints, standards compliance, reliability, availability, security,

maintainability, and portability. Performance Requirements Performance requirements define acceptable response times for system functionality.

• *The load time for user interface screens shall take no longer than five seconds.*

• *The log in information shall be verified within five seconds.*

• *Queries shall return results within five seconds.*

• *Logical Database Requirements The logical database requirements include the retention of the following data elements. This list is not a complete list and is designed as a starting point for development.*

- *Availability The application is operable 24/7.*
- *Security The library manager has the right to make changes in the database only as the interface requires the exact user id and password as registered by the manager.*