
Software Requirements

Specification

for

AmKart E-store Project

1. Introduction

The aim of this document is to gather and analyze and give an insight of the **AmKart E-store software system** by defining the problem statement in detail. The detailed requirements of the system are provided in this document.

1.1 Purpose

The purpose of this SRS document is to provide a detailed overview of our software product, its parameters and goals. This document describes the project's target audience and its user interface, hardware and software requirements. It defines how our client, team and audience see the product and its functionality. Nonetheless, it helps any designer and developer to assist in software delivery lifecycle (SDLC) processes.

1.2 Scope

AmKart plans to reach to its customers worldwide by providing high-quality solutions for all customers who prefer to buy products online, view and search products specifications in different categories by starting an E-store to provide brand new shopping experience. The system should be reliable enough to support a very large number of users at the same time.

The e-store should be compatible to any computer platforms equipped with a standardized web browser. Mobile users may experience some visual problem with the e-store interface.

This SRS is also aimed at specifying requirements of software to be developed but it can also be applied to assist in the selection of in-house and commercial software products. The standard can be used to create software requirements specifications directly or can be used as a model for defining a organization or project specific standard.

2. Overall Description

This document contains the problem statement that the current system is facing which is hampering the growth opportunities of the company. It further contains a list of the stakeholders and users of the proposed solution. It also illustrates the needs and wants of the stakeholders that were identified in the brainstorming exercise as part of the requirements workshop. It further lists and briefly describes the major features and a brief description of each of the proposed system.

2.1 Product Perspective

The product requirement is to fulfill the needs of AmKart to provide its customers with an E-store to assist the customers with an easy Online Shopping Experience. The product is supposed to be a new, self-contained product providing Search facility, maintaining customer profile, provide shopping cart facility, detailed invoice, e-mail confirmations and multiple payment methods via different existing payment gateways.

2.2 Functional Requirements

The system shall display detailed information of the selected products.

The system shall provide browsing options to see product details.

The system shall display detailed product categorization to the user.

The system shall display all the products that can be configured.

The system shall allow user to select the product to configure.

The system shall display all the available components of the product to configure.

The system shall enable user to add one or more component to the configuration.

The system shall enable user to enter the search text on the screen

The system shall display all the matching products based on the search

The system shall notify the user about any conflict in the current configuration.

The system shall authenticate user credentials to view the profile.

The system shall provide shopping cart during online purchase.

The system shall allow user to add/remove products in the shopping cart.

The system shall display different shipping options provided by shipping department.

The system shall provide multi-language support.

2.3 Non Functional Requirements

2.3.1 Usability

-> Graphical User Interface

The system shall provide a uniform look and feel between all the web pages.

The system shall provide a digital image for each product in the product catalog.

The system shall provide use of icons and toolbars.

-> *Accessibility*

The system shall provide handicap access.

The system shall provide multi language support.

2.3.2 Performance

The product shall be based on web and has to be run from a web server.

The product shall take initial load time depending on internet connection strength which also depends on the media from which the product is run.

The performance shall depend upon hardware components of the client/customer.

2.3.3 Security

The system shall use secure sockets in all transactions that include any confidential customer information.

The system shall automatically log out all customers after a period of inactivity.

The system shall confirm all transactions with the customer's web browser.

The system shall not leave any cookies on the customer's computer containing the user's password.