## Software Requirement Specification

# For

# Advaita Life style online store

# Version 1.0 approved

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**Advaita lifestyle**

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**1. Introduction**

**1.1 Purpose**

Defining and describing the functions and specifications of the Advaita life style online store is the primary goal of this Software Requirements Specification (SRS). This Software Requirements Specification illustrates, in clear terms, the system’s primary uses and required functionality as specified by our customer.

**1.2 Document Conventions**

Main heading Arial font size:18 (bold) numbering :Numeric format 1,2,…

Sub heading1 Arial font size:14 (bold) numbering :Numeric format X.1,X.2,...

Sub heading2 Arial font size:14 numbering :Numeric format X.X.1,X.X.2,...

Content Times new Roman font size:13

**1.3 Intended Audience and Reading Suggestions**

The intended readers of the documents are developers of the site, testers,website owners,managers,coordinators.

Suggested reading: Fundamentals of software engineering

**1.4 Product Scope**

The software system being produced is called Advaita life style online store. It is being produced for a customer interested in selling herbal product via the Internet. This system is designed to “provide automation support” for the process of placing herbal product for sale on the Internet and facilitating the actual sale. This system is available for all using Internet. The system will be run on a web browser such as chrome,fire fox,internet explorer etc.

**1.5 References**

[www.Slideshare.com](http://www.Slideshare.com)

[www.lovelycoding.com](http://www.lovelycoding.com)

[www.crazytech.com](http://www.crazytech.com)

**2. Overall Description**

**2.1 Product Perspective**

The website must be available to anyone using the Internet and as such must work correctly in all the browser. As stated by the customer, there are no hardware or software requirements beyond these including, but not limited to, memory or specific software packages that need to be utilized nor software packages that need not be utilized.

**2.2 Product Functions**

Advaita Lifestyle store will provide a number of functions; each is listed below.

* Maintain data associated with the inventory (a collection of products)
  + A product has a category andprice
  + The inventory also keep track of the stock/quantity of each item
* Maintain records for manycustomers
  + A customer can be either a member ornon-member.
  + Acustomerhasausername,password(norestrictions),email address (no restrictions), and postal address(unverified.)
  + Anyone may sign up for a customeraccount.
* Allow any customer to become amember.
* Show a listing of available item
* Allow customers and Admin to log in and out of thesystem.
  + Users (both customers and the manager) will be logged out if inactive for 30minutes.
* Shoppingcart
  + Anyone is able to add one or more item to the shoppingcart.
    - The shopping cart can allow multiple number of any item.
* Allow Admin to update stock details
  + Allow manager to change any item'sprice
  + Allow manager to view transactionlogs
* Payment methods
  + - Payments can be done cash on delivery
    - Online transaction is available

**2.3 User Classes and Characteristics**

The user classes are as follow

**Login as customer**

Browse

Add to cart

Add address

Buy item

Payment mode

**Login as Admin**

Check Inventory

Add new item

View customer

Data base management

The advaita life style store user is simply anyone that has access to the Internet and a web browser in the computer and hand held device. It is assumed that the user is familiar enough with a computer to operate the browser, keyboard and mouse and is capable of browsing to, from and within simple websites

**2.4 Operating Environment**

Advaita life style website that shall operate in both windows and android operating system. The website will run in any browser and in any version.

**2.5 Design and Implementation Constraints**

System shall be built using a standard web page development tools.

The computer must be equipped with web browser such as google chrome. System must be stored in such a way that allows the client easy access to it.

Response time for loading the system should take no longer than few minutes

A general knowledge of basic computers and handheld devices skills are required to use the system.

**2.6 User Documentation**

As the system E store online system becomes the critical component of the system which shall provide-

It shall provide specific guidelines for using advaita lifestyle.

To implement online user help link and search fields shall be provided.

**2.7 Assumptions and Dependencies**

Client:

We have assumed that most of places in country are accessible internet .The users of advaita life style products use the official website of the brand.

Provider:

We have assumed that the advaita life style will be running on a properly working web server and database system with an Internet connection that allows this system to perform all communications with clients.

**3. External Interface Requirements**

* 1. **User Interfaces**

The user interface for the software shall be compatible to any browser such as chrome, fire fox etc by which user can access to the system

The user interface shall be implemented using any tool like html, css, javascript.

User interface is required for the following module customer

* Login
* Home page
* Cart
* Payment
* To Buy the item

User interface for Admin are following

* Login
* Report
* Add/remove product
* View customer
* View invoice
  1. **Hardware Interfaces**

Since the website must run over the internet, all the hardware shall require to connect to the internet will be hardware interface for the system.For computer the internet connection will be provided by modem and Wifi network.For mobile devices cellular network or wifi.

**3.3 Software Interfaces**

* The e system shall communicate with the configarator to identify all the available components to configure the product
* The system shall be verisign like software which shall allow the user to complete the secured transaction .this usually shall be the third party software system which is widely used for internet transaction

**3.4 Communications Interfaces**

The advaita life style shall use the HTTP protocol for communication over the internet and for the internet communication will be through TCP/IP protocol suite

1. **System Features**

* Multiple payment methods
* Reporting tools
* Promotion and discount code
* Customer review and feed back
* User/admin login
  1. **Multiple payment methods**

4.1.1 Description and priority

User can pay through online method. In online payment method user can use net banking, credit card,debit card ,UPI etc.

4.1.2 Stimulus/Response Sequences

In online payment method system will provide different method through online. User will can choose method which is convenient to them. The system will direct it to the corresponding methods page.User need enter the essential details for the payment.

4.1.3 Functional Requirements

Developer need not to develop the seperate module for payment method.We just need to link payment organizations site.Invalid inputs are validated by their site.

* 1. **Promotion and discount code**

4.2.1 Description and priority

. Here discount code will be provide for the user and he/she can use the code to get the additional discount.

4.2.2 Stimulus/Response Sequences

System will generate the discount code for the selected user. While purchasing /paying for the product user can add these code . The code will be validated

4.2.3 Functional Requirements

When user will log in a discount code generated for specified user . User need to enter the discount code while purchasing the product..If the code is valid discount id made on the bill. Else error message is displayed

* 1. **Reporting tools**

4.3.1 Description and priority

Here statistic of the customer,sales report,invoices report,etc in terms of chart,graph or tables

4.3.2 Stimulus/Response Sequences

Here admin will login. The system will provide admin dash board .Dash board contain the report section. All the report are provide according to the requirement of the admin

4.3.3 Functional Requirements

Here the admin ask for the specified report according to the wish. System will generate the report. Admin use filter and sort method to sort the report. If the entered filter is valid the data will be provide. If the filter is invalid no data will be provided

* 1. **Customer review and feedback**

4.4.1 Description and priority

In this feature customer will share their experience on the specified product.

4.4.2 Stimulus/Response Sequences

Here system will not give any response to the user. It will accept review and feedback . It will help the admin to improve the quality of products.

4.4.3 Functional Requirements

In customer review and feed back customer will write about product and services these review helps the other buyers to get brief idea about product. The review also viewed by the admin which will help him to improve.

1. **Other Nonfunctional Requirements**
   1. **Performance Requirements**

The system shall be based on the web that has to be run from web server. The system shall take initial load time depending on the internet connection strength which also depends on the media from which the system is run .

The performance shall depend upon hardware component of the client/customer

* 1. **Safety Requirements**

The admin should make sure that credential information of the user like password ,credit card details are encrypted for safety.

**5.3 Security Requirements**

1. The system shall use secure sockets in all transaction taht could include any confidential information .
2. The system shall automatically logout all customer after the period of inactivity
3. The system shall confirm all transaction with the customers web browser
4. The system shall not leave any cookie on the customers computer containing users password and users confidential information
5. The system back end server shall never display a customers password, the customer password may be reset but never shown
6. The systems back end server shall only be accessible to authenticated administrator
7. The systems back end database shall be encrypted

**5.4 Software Quality Attributes**

Availability

Reusability

Maintainability

Portability

**5.5 Business Rules**

No return policy

Cash on delivery not available

**6. Other Requirements**

Null

**Appendix A: Glossary**

* SRS: software requirement specification
* System: advaita life style store
* User: admin and customer of organization
* Product : item sold by the organization
* He/she/them : consumers of organization
* We: Developer

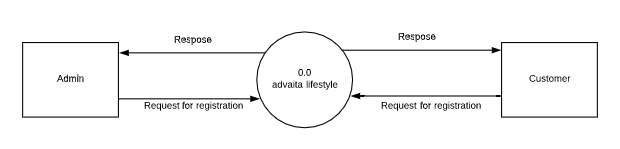
**Appendix B: Analysis Models**

**Use case diagram**



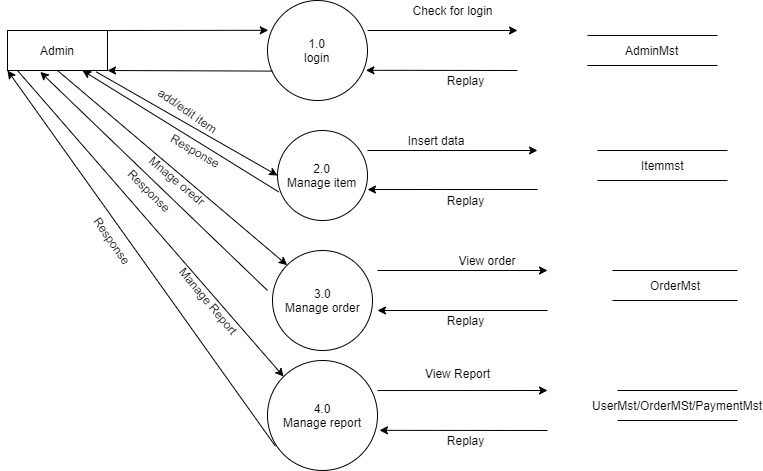
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**Context Flow Diagram**



**Data Flow Diagram**

1st level DFD of Admin side



Level 2 DFD Admin Side (2.0**)**



Level 2 DFD Admin Side (3.0**)**



Level 2 DFD Admin Side (4.0**)**



**Level 1 User side DFD**

