System Title

SRS

Introduced By Author or Company Name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version | Written By | Reviewed By | Approved By | Date |
| 0.X |  |  |  |  |
| 1.X |  |  |  |  |

# Introduction

## Executive Summary

Overview of product.

## Document Overview

Overview of the document.

## Abbreviations and Terminologies

Table of abbreviations and terminologies.

## References

List of external references.

# System Description

## Introduction

Provide detailed system description.

Use block or context diagram to illustrate the system architecture.

## Users

Provide a list of system users with brief explanations.

## Modules

Provide a list modules with brief explanations.

# 

# System Users

## User Description

Provide user role description in details.

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# 

# System Modules

## Module Description

Provide module description.

Use block or context diagram to illustrate external and sub-modules.

Use activity diagram, state machine diagram, data flow diagrams to illustrate module operations.

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# System Functions

## [FR\_M] Module Functions

### [FR\_M\_N] Module Function

**Description**: Provide function description.

**Inputs**: Provide function inputs.

**Outputs**: Provide function description.

**Pre-conditions**: Provide function required conditions to work.

**Post-conditions**: Provide new conditions after work.

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# 

# System Models

<Make only mandatory diagram to illustrate overall system interaction or to explain complex scenarios>

## Use Case Diagrams

### Use Case Diagram

Show use case diagram.

Provide brief explanation of the diagram.

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## Sequence Diagrams

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Show sequence diagram.

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Provide brief explanation of the diagram.

# Non-Functional Requirements

## [2.1] <Security> Requirements

### [2.1.1] <Security> Requirement

The system must be secure in storing passwords in Database, so Hashing the Passwords is required.

## [2.2] <Usability> Requirements

### [2.2.1] <Usability> Requirement

System should be usable for all kind of people to make Shopping easier to them , so Items should be viewed in organized way. Also You must make comparing between items very clear to the visitor.

## [2.3] <Performance> Requirements

### [2.3.1] <Performance> Requirement

You should treat with the load on the website to make the server always working and avoiding the server dropping . It is expected that the number of visitors will be average in the range :

(1500-3000)visitor daily .

## [2.4] <Technology> Requirements

### [2.4.1]< Technology> Requirements

The customer wants this website to performed in python – Django , so you need to setup an IDE for python and Supports Django .

### [2.4.2]<IDE>Requirements

We suggests to work by Pycharm IDE . It’s an excellent IDE having a lot of features and easy to use .

### [2.4.3]<Python>Environment

You also need to setup Python environment on your Computer ,so we suggests Python 3.7.

It is the latest version until now.

### [2.4.4]<Deployment>Requirement

Also you need website for your deployment to deploy your python – Django website. We suggests pythonanywhere as Deployment way for python.

## [2.5] <Development> Requirements

### [2.5.1]<Development > Language

You should be aware of Python language to do this website.

### [2.5.2]<Web Development>Framework

You must learn how to use Django to make this website , so choose any source and learn quickly .

## [2.6] <Delivery> Requirements

This project must be delivered before the end of January.

Deliver it by include the source code of all the Phases of this project.

# Domain Requirements

## [DR\_X] <Domain> Requirements

### [DR\_X\_Y] <domain> Requirement

Explain <domain> requirement or constrain.

## [DR\_X] <Domain> Requirements

### [DR\_X\_Y] <domain> Requirement

Explain <domain> requirement or constrain.

## [DR\_X] <Domain> Requirements

### [DR\_X\_Y] <domain> Requirement

Explain <domain> requirement or constrain.

# System Interfaces

## User Interfaces

### Module Screens

List of module screens.

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## Communication Interfaces

## Hardware Interfaces

## Other Interfaces