**CS327 Software Engineering**

**Software Requirements Specification (SRS) Template**

**E-commerce site**

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**Software Requirements Specification**

**Document**

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* 1. Introduction
  + 1.1Purpose
  + E-commerce site is a web application is intended to provide complete solutions for vendors as well as customers through a single get way using the internet. It will enable vendors to setup online shops, customer to browse through the shop and purchase them online without having to visit the shop physically. The administration module will enable a system administrator to approve and reject requests for new shops and maintain various lists of shop category.
  + 1.2 Scope
* This system allows the customers to maintain their cart for add or remove the product over the internet.
  + 1.3 Definitions
    - E-commerce site.
    - SRS- Software Requirement Specification
    - GUI- Graphical User Interface
    - Stockholder- The person who will participate in system
    - Ex. Customer, Administrator, Visitor etc.
* 1.4 Overview
* This system provides an easy to solution customers to buy the       product without go to the shop and also shop owner to sale the product.
* 1.5 Additional Information
* The system work on internet server, so it will operate by any end user for the buying purpose.
* 2.The overall description.
* The Online Shopping system application enables vendors to set up online shops, customers to browse through the shops, and a system administrator to approve and reject requests for new shops and maintain lists of shop categories. Also the developer is designing an online shopping site to manage the items in the shop and also help customers purchase them online without having to visit the shop physically. The online shopping system will use the internet as the sole method for selling goods to its consumers.
* 3. Specific requirements.
* This section provides requirement overview of the system. Various functional modules that can be implemented by the system will be –
* 3.1 Registration
* If customer wants to buy the product then he/she must be registered, unregistered user can’t go to the shopping cart.
* 3.2 Login
* Customer logins to the system by entering valid user id and password for the shopping.
* 3.3 Changes to Cart
* Changes to cart means the customer after login or registration can make order or cancel order of the product from the shopping cart.
* 3.4 Payment
* For customer there will have many type of billingsystem like bkash, rocket and hand cash (after delivery).
* 3.5 Logout
* After payment or surf the product the customer will logged out.
* 4. Interface Requirement.
* 4.1 Login Page.
* 4.2 Registration Form.
* 4.3 There will be a screen which show all products information.
* 4.4 If the customers select the buy button then another screen of shopping cart will be opened.
* 4.5 After finishing all process customer can quit this system.

 5. Hardware Interface

* This System must run over the internet; all the hardware shall require to connect internet will be hardware interface for the system.
* 6. Software Interface
* The system is on server so it requires the any scripting language like python, Php. The system requires Data Base also for the store the any transaction of the system like MYSQL etc. At the last user need web browser for interact with the system.
* 7. Performance Requirement
* There is no performance requirement in this system because the server    request and response is depended on the end user internet connection.
* 8. Design Constrain
* The system shall be built using a standard web page development tool that conforms to Microsoft’s GUI standards like HTML, CSS, javascript,bootstrap , modern framework react etc.
* 9. Maintainability
* A commercial database is used for maintaining the database and the application server takes care of the site. In case of a failure, a re-initialization of the program will be done. Also the software design is being done with modularity in mind so that maintainability can be done efficiently.
* 10. Portability
* An end-user is use this system on any OS; either it is Windows or Linux.
* The system shall run on PC, Laptops, and PDA etc.

USE CASE DIAGARM FOR ONLINE SHOPPING



