# E COMMERCE WEBSITE Software Requirement Specifications

The following subsections of the Software Requirements Specifications (SRS) document provide an overview of the entire SRS.

Electronic commerce, also known as ecommerce is a type of industry where buying and selling of a product is conducted over electronic systems such as the internet.

# Purpose-

Most often, even if the quality of the product is really good, due to a lack of advertisement or business at the small scale, and the product does not reach a larger group of customers. In fast paced life of today when everyone is squeezed for time, the majority of people are finicky when it comes to doing physical shopping. Logistically, a consumer finds a product more interesting and attractive when they find it on the website of a retailer directly and are able to see item’s details online. The customers of today are not only attracted because online shopping is very convenient, but also because they have broader selections, highly competitive prices, better information about

the product (including people’s reviews) and extremely simplified navigation for searching regarding the product. Further, with online shopping, their products have access to a worldwide market, which increases the number of customers from different ethnic groups, adds customer value, and overall sustainable in the marketing. Online web stores, such as Amazon and eBay, have gained huge popularity over the years because one can buy almost everything at these stores. These web stores also give an opportunity to a lot of small-scale companies and manufactures to reach the global market and to directly sell their products to people without involving different other companies or middlemen before their product can reach the shelves of a physical store. Further, instead of using the available platforms, manufacturers can bring a concept of designing their own web store to sell their products directly to the masses.

# Scope-

As you know people are now going online to shop for clothes, appliances, furniture, and a lot more. Websites like Flipkart, Myntra, Amazon, Snapdeal, Jabong, etc. are all examples of the enormous success of eCommerce in India. Due to these firms, India is one of the fastest-growing eCommerce markets in Asia/Pacific with China investing as much. Many analysts believe that the advent of 3G/4G speed in net connectivity has been a major cog in the wheel for such growth in this market. India has been the heart of the e-commerce market since 2016 and it’s still growing with a tremendous growth rate of 70%.The consumer base is expected to hit 900 million in 2024, and this ensures that any ecommerce website would soon be the best business in India, as far as profits and growth are concerned.

# OVERVIEW-

The SRS is organized into two main sections. The first is the overall description and the second is the specific requirements. The overall description will describe the requirements of the Ecommerce. The specific requirements section will describe in detail the requirements of the system.

# Reference-

This web application has been prepared on the basis of discussion with Team members, faculty members and also taken information from following website.

Websites:

1. [www.google.com](http://www.google.com/)
2. [www.wikipedia.org](http://www.wikipedia.org/)

# Performance Requirements-

This software will have following requirements:

* For any streaming at all, you’ll need a minimum of 0.5 megabits per second (Mbps)

# User Characteristics:

There will be two levels of user for our system. The first will be the general user that will be using our software to find their movies or stream television. They will only see the front end of the system.

The second level will be the system developers.

As this system is an online Web-based application so a client server will be the most suitable Organizational style for this system. Computer systems will be needed by each of the actor as well as that user must be connected to the internet. So, concisely following hardware will be needed.

1. Computer system.
2. Internet availability

# Functional Requirements-

Following are the services which this system will provide. These are the facilities and functions required by the user.

* Home
* Category list and products
* Adding to cart
* Login and register

## E Commerce web page installation Steps:

* Building the nav Bar & footer
* Building the slider and categorylist
* Building the login and register pages
* Building the cart and adding productts

Run npm install command to download the required packages

* Before starting we have to install npm duration and then
* Run npm start to run the project
* Open Your browser : "http://localhost:3000/" to run the project

## Software’s needed to run

. React Js

. Visual Studio Code

# Non-Functional 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

* For using the page, you’ll need a minimum of 0.5 megabits per second (Mbps).

### Security Requirements

* Use a password unique to login and change it periodically
* Add a phone number to your account for additional security
* Sign out of unused devices
* Be aware of possible phishing attempts • Keep your computer safe
* Report fraudulent or suspicious activity