# Purpose

**1BM18CS117**

**5. ONLINE SHOPPING SYSTEM Software**

**Requirements Specification**

The purpose of this source is to describe the railway reservation system which provides the train timing details, reservation, billing and cancellation on various types of reservation. The system reduces the intervention of the user with the ticket counter and cuts the time of waiting in the queue.

# Scope

The scope of this system in creating Reservation is that, from any Railway Station we can Create Reservation, which is updated automatically in all the stations. Hence, there is no confusion to the Reservation Clerk in all the stations to create the Reservation. This can be possible by maintaining Global Database. Clerks present at different stations can access the global database and the clerks can easily understand the remaining reservation seats. It provides the ability to create reservations from different places for a train.

# Requirements

1. **Functional Requirements**
   1. Provide Search Facility.
   2. Tailored content for the user.
   3. Displaying related items.
   4. Create sellable items on websites.
   5. Provide a personalized profile.
   6. Detailed invoice generation.
   7. Provide shopping cart facilities.
   8. Allow multiple payment methods.

# Non-functional Requirements

1. Provide better performance than usual as the website is run from a server and takes an initial load of internet to fetch.
2. Provide secure data transfer between server and customer system.
3. The server should provide sufficient data storage for customer data.
4. The system should make the whole process reliable.
5. Providing safety from errors, damages, accidents considerable or non-considerable.
6. The database should be properly maintained

# User Requirements

* 1. Login/sign up page. Homepage containing productions according to user interest.
  2. Screen displaying information about products and user searches.
  3. On selecting a product, the new tab is opened.
  4. A user copy of the invoice generated.