**Functional requirements:**

**1-Authentication**

1.1-Registeration with first name, last name, email address, password, gender, age.

1.2-Send a conformation email to the provided email address.

1.3-Login with email and password.

**2-Search for trains**

2.1-Search for a specific train by a train number in certain date.

2.2-search for specific type of trains for a certain date.

2.3-show all the available trains in certain date with the location and destination.

**3-Booking a ticket**

3.1-Coose the trip or the train and the number of tickets.

3.2-Choose the payment method.

3.1.1-choose one of the available payment methods(credit card , paypal).

3.3-Show the total price with tax.

3.4-Print the **ticket**

**Nonfunctional requirements:**

**1-the performance of the booking should be high.**

**2-The security and the privacy should be high because the user enter his personal information for his credit card when booking a ticket.**