

PROJECT REPORT
ON
ONLINE BUS TIME MANAGEMENT SYSTEM

Submitted By

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ABSTRACT

Topic : Online Bus Time Management System

Abstract

Bus time management system is a web based application for managing time schedule for bus service. This web application help for registering bus with its type, route, stops and timing on district wise. Peoples can use this website for checking time schedule of bus service based on their location wise search. In search field we can just starting location and destination point, then we get a list of available bus on that route with timing.

User can reserve seat for long trip. If users have any complaints about bus service or behavior of staffs they can register complaints through this system. The system provides information regarding the private as well as public buses like KSRTC. Some times it will be difficult for the customers to know about the details of the bus charge details. Here in this system try to solve this problem too.

Modules

1. Registration

User registration : It includes details of user.

Owner registration : It contain details about owner.

2. User module

After user login to their panel doing activites such as book seats, view bus details, charge details, post complaints.

3. Admin module

In this module after login to admin panel doing activites such as approve users, approve bus owners, view complaints, gve responses, add bus details, add charge details.

4. Bus owner module

In this module after login to panel doing activities such as add details of his bus, add time of arrivals and departures etc.

TABLES

1. Tbl_Login

Primary Key : Loginid

Fieldname	Datatype	Description
Loginid	Int(10)	Loginid
Username	Varchar(50)	Username
Password	Varchar(50)	Password
Usertype	Varchar(50)	Usertype
Status	Varchar(50)	Status

2. Tbl_Userreg

Primary Key : uid

Foreign Key : Loginid

Fieldname	Datatype	Description
Uid	Int(10)	Userid
Firstname	Varchar(50)	Firstname
Lastname	Varchar(50)	Lastname
Address	Varchar(100)	Address
Email	Varchar(50)	Email Id
Phno	Int(10)	Phone number
Loginid	Int(10)	Loginid
Status	Varchar(50)	Status

3. Tbl_Ownerreg

Primary Key : Ownerid

Foreign Key : Loginid

Fieldname	Datatype	Description
Ownerid	Int(10)	Ownerid
Firstname	Varchar(50)	Firstname
Lastname	Varchar(50)	Lastname
Address	Varchar(100)	Address
Email	Varchar(50)	Email Id
Phno	Int(10)	Phone number
Identity_Proof	Varchar(100)	Identity Proof
Loginid	Int(10)	Loginid
Status	Varchar(50)	Status

4. Tbl_Bustype

Primary Key : Bustypeid

Fieldname	Datatype	Description
Bustypeid	Int(10)	Bustypeid
Bustype	Varchar(50)	Bustype
Status	Varchar(50)	Status

5. Tbl_Mainstop

Primary Key : Stopid

Fieldname	Datatype	Description
Stopid	Int(10)	Main stopid
Mainstop	Varchar(50)	Mainstop
Charge	Int(10)	Charge
District	Varchar(50)	District

6. Tbl_District

Primary Key : Disid

Fieldname	Datatype	Description
Disid	Int(10)	District Id
Name	Varchar(50)	District name

7. Tbl_ksrtc

Primary Key : Busid

Foreign Key : Bustypeid

Fieldname	Datatype	Description
Busid	Int(10)	Busid
Busno	Varchar(50)	Bus number
Total seat	Int(10)	Total seat
Bustypeid	Varchar(50)	Bustype Id

8. Tbl_Complaint

Primary Key : Comid

Foreign Key : Loginid,Busid

Fieldname	Datatype	Description
Comid	Int(10)	Complaint Id
Complaint	Varchar(100)	Complaint
Response	Varchar(100)	Response
Loginid	Int(10)	Loginid
Busid	Int(10)	Bus Id

9. Tbl_Timing

Primary Key : Bus_timeid

Foreign Key : Busid

Fieldname	Datatype	Description
Bus_timeid	Int(10)	Bus Timeid
Starting_from	Varchar(50)	Starting Place
Departure_time	Time	Departure Time
End_to	Varchar(50)	Ending place
Arrival_time	Time	Arrival Time
Main_stop	Varchar(100)	Main stop
Route	Varchar(100)	Route
Travel_time	Time	Travel Time

10. Tbl_Booking

Primary Key : Bookingid

Foreign Key : Loginid, Bus_timeid

Fieldname	Datatype	Description
Bookingid	Int(10)	Bookingid
Boarding_point	Varchar(50)	Boarding Point
Dropping_point	Varchar(50)	Dropping Point
No.pass	Int(10)	Nmuber of passengers
B_date	Date	Booking date
Bus_timeid	Int(10)	Bus timeid
Loginid	Int(10)	Loginid
Status	Varchar(50)	Status

11.Tbl_charge

Primary Key: Charge_id

Foreign Key: Busid

Fieldname	Datatype	Description
Charge_id	Int(10)	Charge Id
Busid	Int(10)	Busid
Charge/Km	Int(10)	Charge per Kilometer

12.Tbl_Passengers

Primary Key : Pid

Foreign Key : Bookingid

Fieldname	Datatype	Description
Pid	Int(10)	Passengerid
Name	Varchar(50)	Name
Age	Int(10)	Age
Gender	Varchar(10)	Gender
Phno	Int(10)	Phone number
Seatno	Int(10)	Seat number
Bookingid	Int(10)	Bookingid
AadharNo	Int(12)	Aadhar Number

13.Tbl_privatebus

Primary Key : Busid

Foreign Key : Ownerid

Fieldname	Datatype	Description
Busid	Int(10)	Busid
Bname	Varchar(50)	Name
Busno	Varchar(50)	Bus number
Total_seat	Int(10)	Total seat
Bustype_id	Int(10)	Bustype id
Owerid	Int(10)	Ownerid

FORM DESIGN

1. Login Page

Login

Username

Password

2. Registration Form

Registration

First name

Last name

Address

Email

Phone No.

Username

Password

Confirm password

3. Ksrtc Bus Information

KSRTC Bus Information

Bus No.

Total seat

Select bustype ▼

4. Private Bus Details

Private Bus Information

Bus name

Bus No.

Total seat

Select bustype ▼

5. Route Stop Time

Route Stop Time

Select Bustype

▼

Select BusNo

▼

Select Route

▼

Arrival Time

Departure Time

Add

Delete

6. Timing Details

Timing Details

Select Bustype

▼

Select BusNo

▼

Select Busname

▼

Select From

▼

Departure Time

Select To

▼

Arrival Time

Mainstops

Travel Time

Add

Delete

7. Seat Booking

Seat Booking

Name	<input type="text"/>
Address	<input type="text"/>
Phone No.	<input type="text"/>
Email	<input type="text"/>
Boarding Point	<input type="text"/>
Dropping Point	<input type="text"/>
Bus name	<input type="text"/>
Seat No	<input type="text"/>
Date	<input type="text"/>
<input type="button" value="Add"/>	<input type="button" value="Delete"/>

8. Complaint Registration


Complaint Registration

Complaint Id	<input type="text"/>
BusNo.	<input type="text"/>
Complaint	<input type="text"/>
Response	<input type="text"/>
<input type="button" value="Add"/>	<input type="button" value="Delete"/>

9. Charge Details

Charge Details

Bustype



Stop

Charge/Km

Add

Delete

10. Passenger Information

Passenger Information

Name

PhoneNo

Age

Gender

AadharNo

SeatNo

Add

Delete

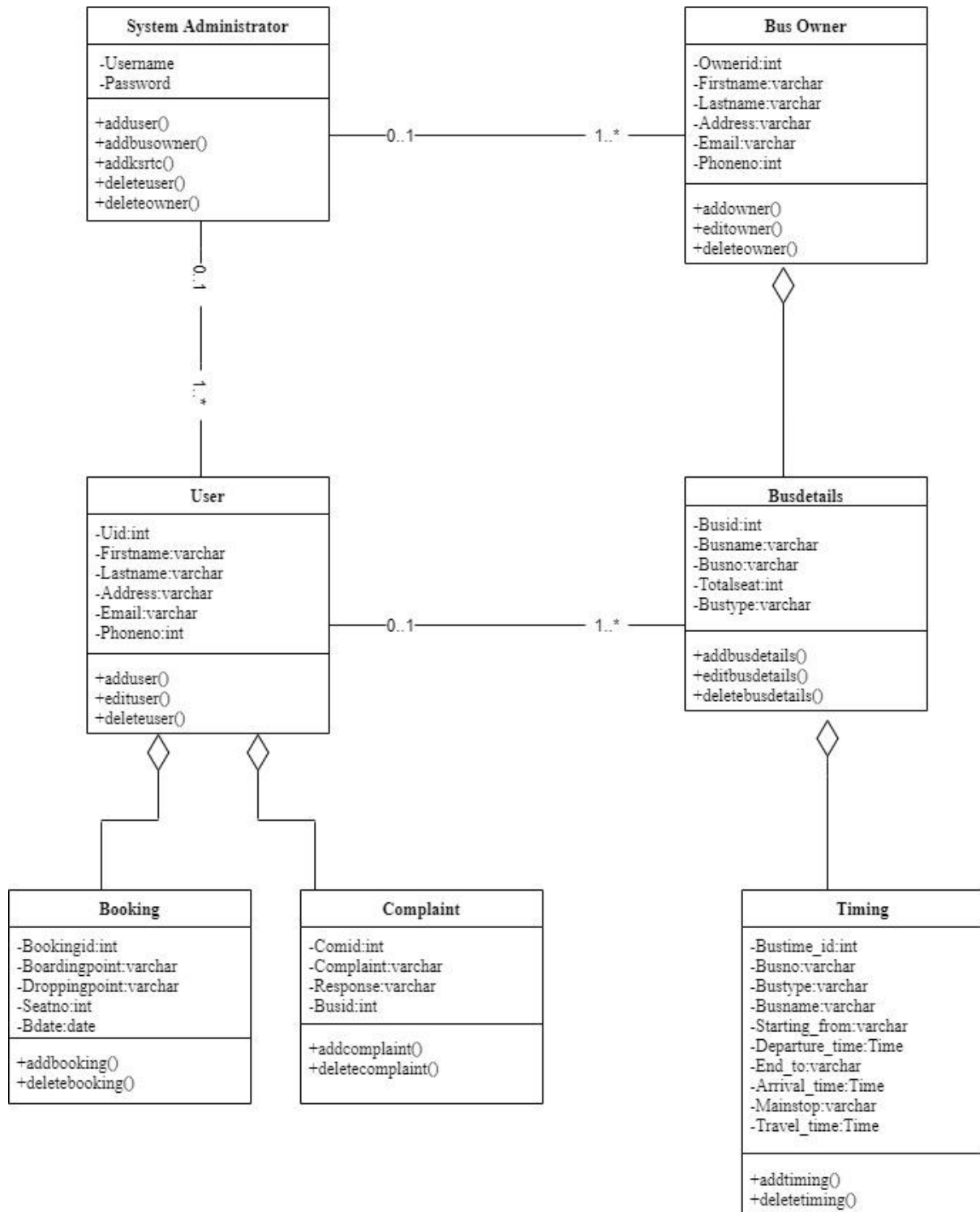
UML DIAGRAMS

UML is a standard language for specifying,visualizing,constructing and documenting the artifacts of software systems.UML was created by the Object Management Group(OMG) and UML 1.0 specification draft was propped to the OMG in January 1997.

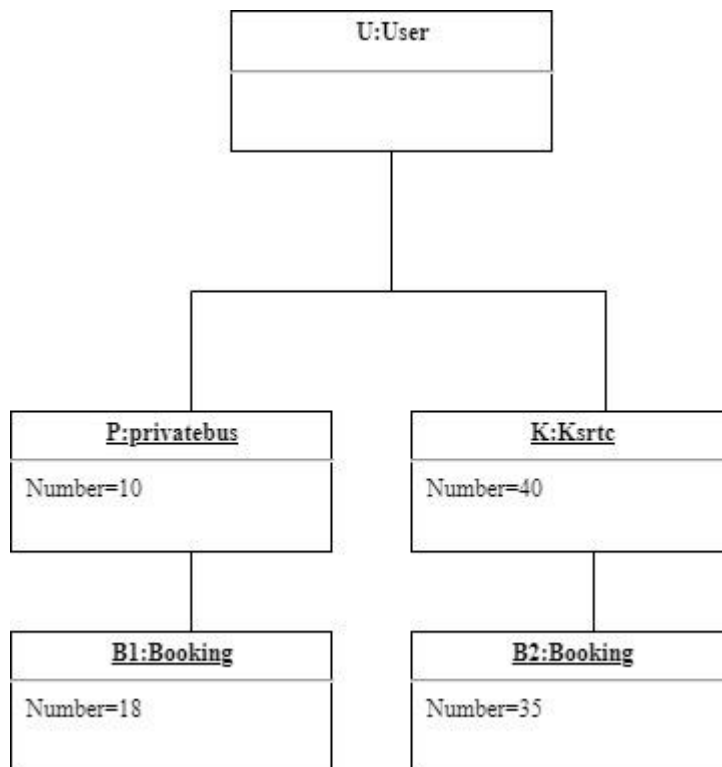
UML stands for Unified Modeling Language .UML is different from the other common programming languages such as C++,Java,COBOL etc.UML is a pictorial language used to make software blue prints.UML can be described as a general purpose visual modelling language to visualize,specify,construct and document software system.Although UML is generally used to model software systems, it is not limited within this boundary.It is also used to model non-software systems as well.For example,the process flow in a manufacturing unit etc.UML is not a programming language but tools can be used to generate code in various languages using UML diagrams.UML has a direct relation with object oriented analysis and design.After some standardization,UML has become an OMG standard.All the elements, relationships are used to make a complete UML diagram and the diagram represents a system.The visual effect of the UML diagram is the most important part of the entire process.All the other elements are used to make it complete.UML includes the following nine diagrams.

- Class Diagram
- Object Diagram
- Component Diagram
- Deployment Diagram
- Use Case Diagram
- Sequence Diagram
- Collaboration Diagram
- Statechart Diagram
- Activity Diagram

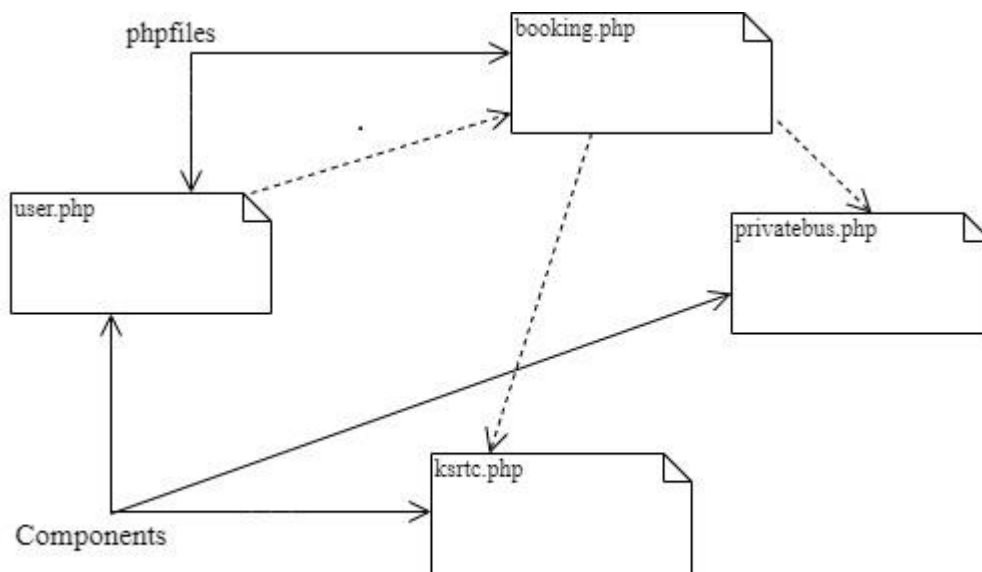
Class Diagram For Bus Time Management System



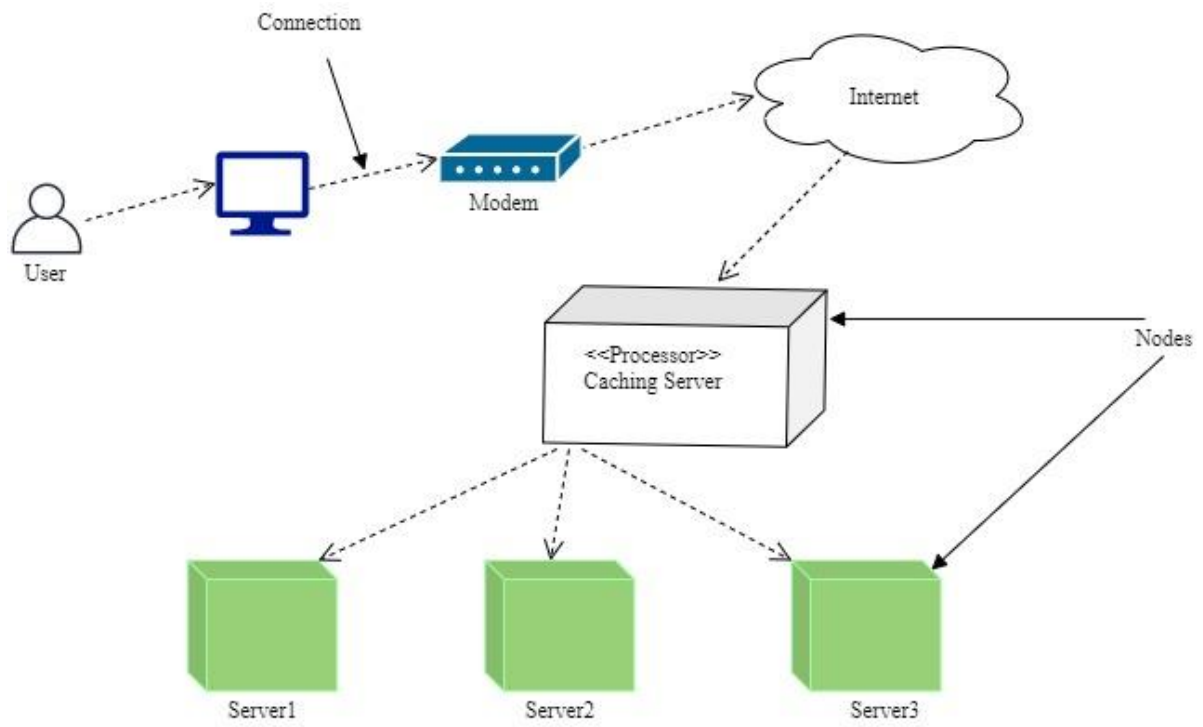
Object Diagram for seat booking



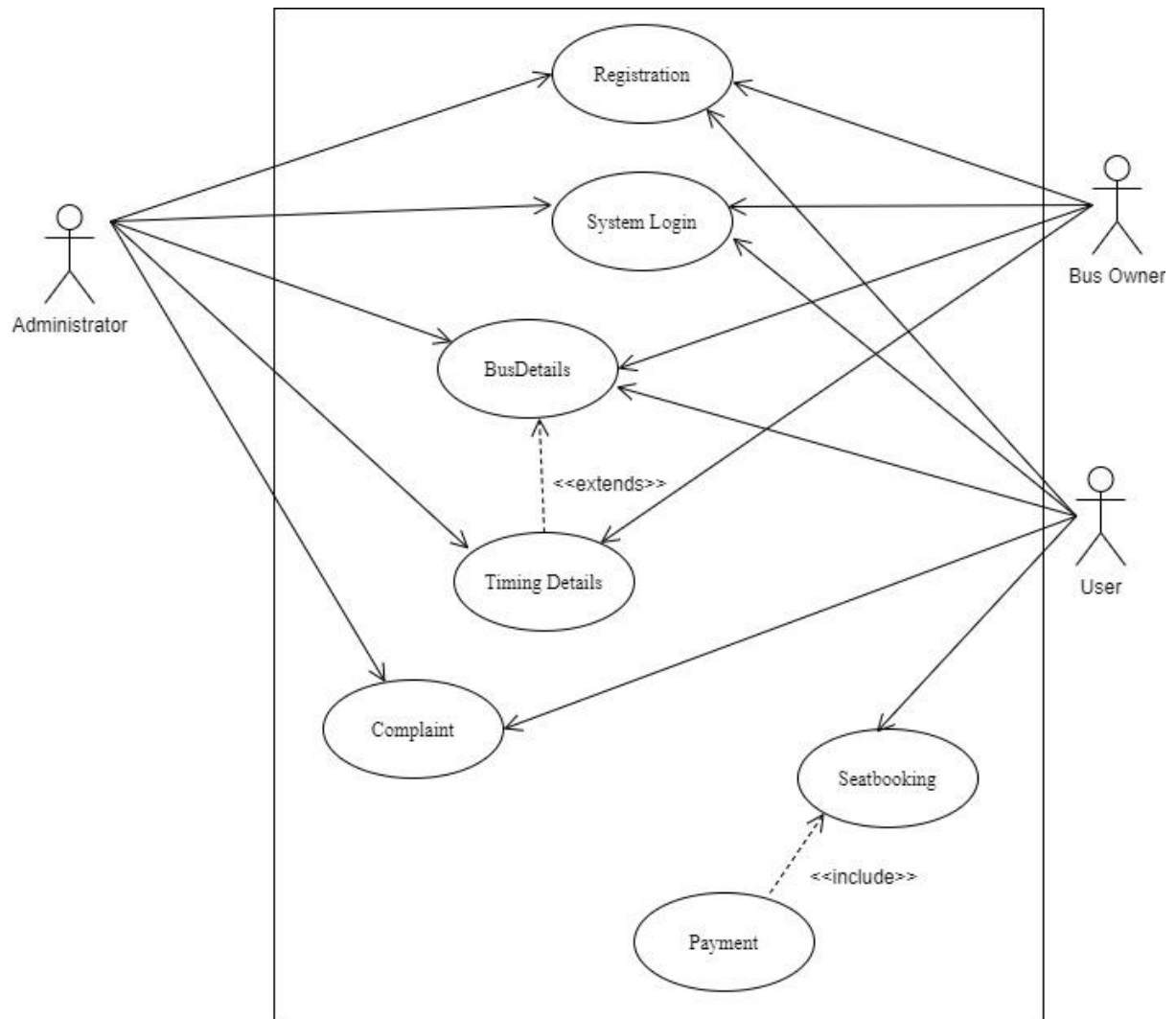
Component Diagram for seat booking



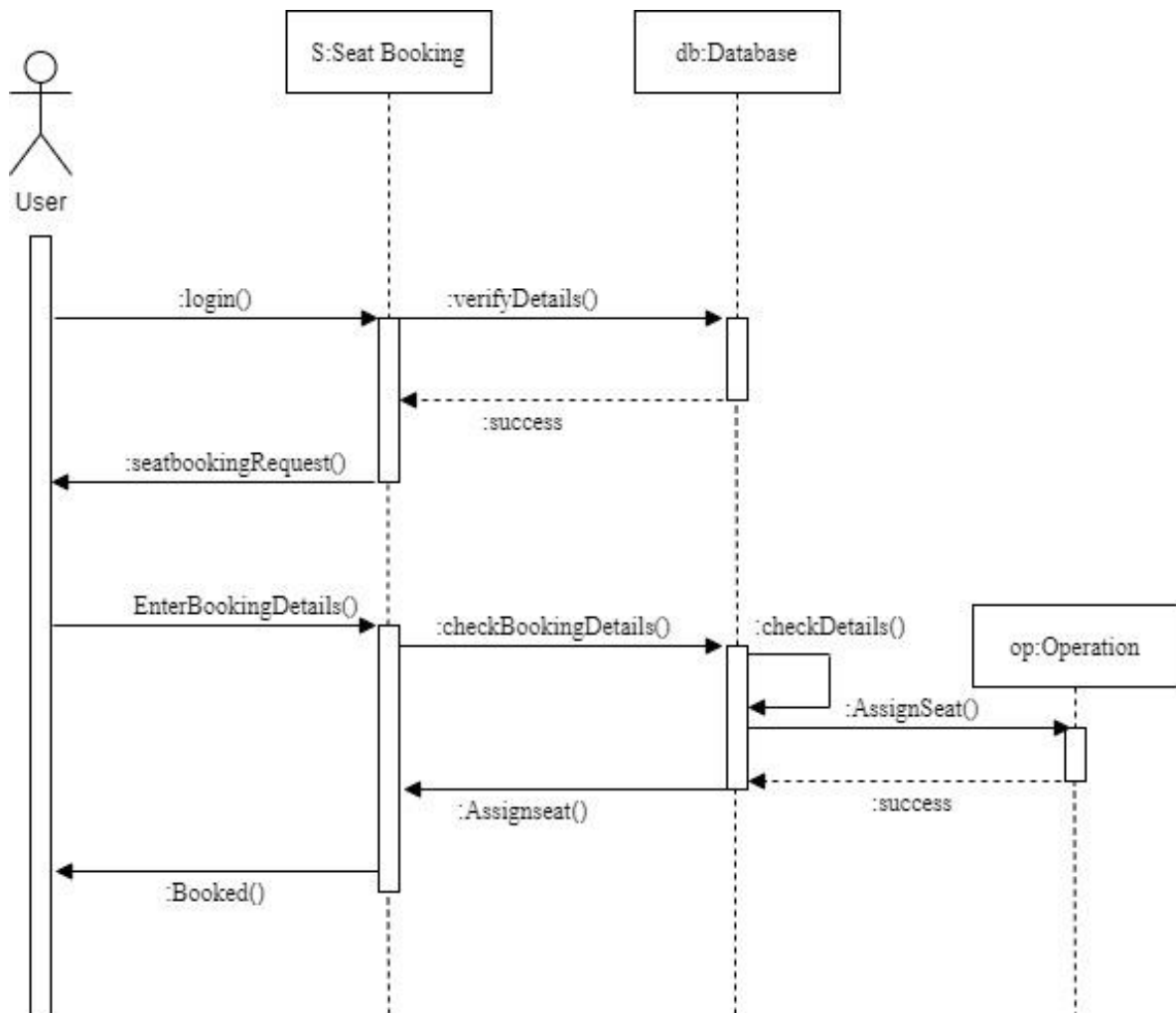
Deployment Diagram



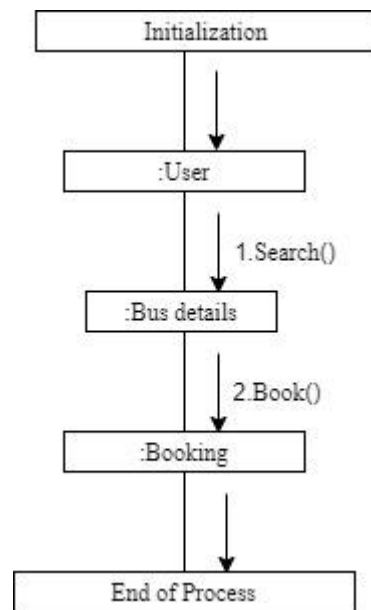
Usecase Diagram



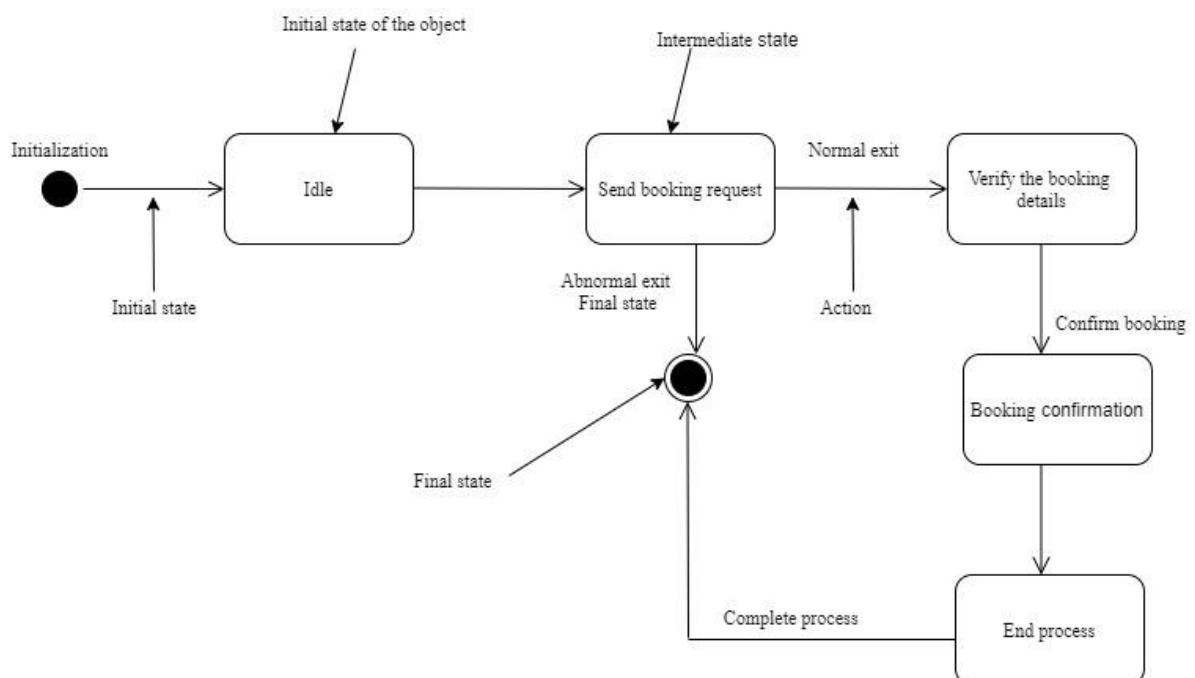
Sequence Diagram



Collaboration Diagram



Statechart Diagram for seat booking



Activity Diagram for seat booking

