**Functional Requirement Specification**

**TNSRTC ONLINE RESERVATION SYSTEM**

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Revision History

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| --- | --- | --- | --- | --- |
| Date | Version | Section Changed | Change Description | Author |
| dd-mmm-ccyy | 1.0 | All Sections | First Version |  |
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# Introduction

This document captures the Functional Specification Requirements, of Certification Program Management module.

# Requirement Specifications

As part of enhancing functionality and providing more features to VLS Admin module, the following functionalities are to be provided as part of Certification Program Management :-

1. Manage Availability of Seats
2. Manage Bus Services
3. Manage User Details
4. Manage Booking
5. Manage Payment Information
6. Confirmation Status

# Online Bus Reservation System Overview

The intent of this section is to provide the online reservation of tickets.

## Manage Availability of Seats

This section will describe the Availability of Seats

The user checks for the availability of seats between two Places providing date of journey he likes to travel.

## Manage Bus Services

The admin can insert or delete the bus service between two places.

## Manage User Details

The user should be registered and on successful registration admin should provide the permissions to the users.

## Manage Booking

In Booking the user should provide all the details needed no of persons travelling, date of journey etc…

## Manage Payment Option

This section describes various payment options available credit card or debit card etc...

## Confirmation Status

After successful booking the user should get the information about status of booking.

# Functional Requirements

## Manage Availability of Seats

The user checks for the availability of seats between two Places providing date of journey he likes to travel

### Functionality Details

This provides the feature of checking for availability of seats.

Availability of seats is checked based on the following types

🡪Type of the Bus

🡪Concession Type

## Manage Bus Services

The admin can insert or delete the bus service between two places

### Functionality Details

The admin can add or delete a bus between two places (Source and Destination) based on the need of the users.

## Manage User Details

The user should be registered and on successful registration admin should provide the permissions to the users.

### Functionality Details

For Registration the user should provide all the necessary details like firstName, lastName, gender, valid emailId, mobileNo and address.

On successful Registration he should be intimated by mail with his username and password.

## Manage Booking

In Booking the user should provide all the details needed no of persons travelling, date of journey etc…

### Functionality Details

In this the user should provide the following details

🡪Select Bus Type

🡪Select Seats from Available Seats

🡪Provide the Passenger information

🡪Select the Payment type

🡪Confirm the Status of ticket.

## Manage Payment Option

This section describes various payment options available credit card or debit card etc...

### Functionality Details

Here in this section it describes the various payment options available Credit card /Debit Card Online NEFT Services various Bank Debit Cards accepted by the Service are to be mentioned here

## Confirmation Status

After successful booking the user should get the information about status of booking.

### Functionality Details

The user should track his status after successful booking of ticket whether confirmed or not.

The user should check his status by providing his ticket number in Waiting List Ticket Tracking Service Page.