**Functional Requirements of Bike Rental System**

**Objective**

A Bike rental system is a web software solution designed to provide customers with a personalized easy-to-utilize user experience for viewing the renting the bikes online. It stores customers' personal data records, preferred bikes, frequent trips, drop points, and other information.

**Features Supported in Application**

Functions available for Admins are as follows:

1. Bike Management
2. Agent Management

Functions available for Users are as follows:

1. Rent bike(Search your new ride)
2. View Bike status(view\_status)

Features for Admin:

Login > Dashboard > Bike Management

OR

Login > Dashboard > Agent Management

On the dashboard page provided for the admins, a list of Features available will be displayed in a tabular form. Each row will contain general information about each Feature.

Field Name Description

|  |  |
| --- | --- |
| Bike Management | Allows the admin to add/edit bike details |
| Agent Management | Allows the admin to Manage the bike agents |

**To Operate on the Policy:**

1. To Add/Edit, select the Bike Management Buttons in the dashboard.

All the related fields will appear on the screen as a form which has to be filled.

1. To Add/Update/ Delete a Agent, select the options filed with respect to the agent in the dashboard.

Click Back to Dashboard to navigate back to the dashboard

**Features for Users:**

Register/Login > Home > Search bikes for rent>Choose among the available>wait for approval>Display terms>proceed t payment>provide feedback>receive the booking\_id and details attached to it.

OR

Register/Login >Home > View rental\_cost status>

Field Name Description

|  |  |
| --- | --- |
| Search bike | Display a list of Available Bikes for rent and their cost |
| View rental\_status | Displays the information related to entered booking\_id |

User’s Interactions:

1. The source and destination must be selected and date must be mentioned then search button must be clicked

2.List of available bikes in the selected timeframe and locations will be displayed

3.User can click on the desired bike to check for the availability

4 .User can select the bike and it will direct him to the Payment tab if selected bike is available

5. User can scan the QR code and payment can be done or can enter the details manually to be directed to the desired payment UPI linked applications/websites.