**Online Bus Pass and reservation Supervising System**

**Modules**

* Admin
  + Login
  + Manage place
  + Manage bus details
    - Manage seats
  + Manage routes
    - Manage stops
    - Manage fare
  + View users
  + View users request for new pass
    - Accept or reject
  + View pass renewal
    - Accept or reject
  + View feedback
  + View reservation
  + View expired passes
* Users
  + Register
  + Login
  + View routes
  + Apply for a pass
    - Check status
    - Make payment
  + Renew pass
    - Make payment
  + Send feedback
  + Search buses
    - View buses
    - View seats
    - Select seats
      * Book seat
      * Make payment
  + View my bookings
    - View and download ticket
    - Cancel ticket

**Tables**

* login
  + login\_id
  + username
  + password
  + usertype
* place
  + place\_id - [ primary key ]
  + place\_name
* route
  + route\_id - [ primary key ]
  + route\_name
  + starting\_place\_id
  + ending\_place\_id
* stops
  + stop\_id
  + place\_id
  + route\_id
  + arriving\_date\_time
  + departure\_date\_time
* fares
  + fare\_id
  + starting\_stop\_id
  + ending\_stop\_id
  + amount\_per\_seat
  + pass\_amount
* bus
  + bus\_id - [ primary key ]
  + bus\_registration
  + driver\_name
  + phone\_no
  + manufacturing\_year
  + model
  + route\_id -[ foreign key ]
* seats
  + seat\_id
  + seat\_number
  + bus\_id
  + seat\_status

* users
  + user\_id - [ primary key ]
  + login\_id
  + first\_name
  + last\_name
  + gender
  + dob
  + house\_name
  + place
  + pincode
  + phone
  + email
* pass\_request
  + request\_id - [ primary key ]
  + user\_id -[ foreign key ]
  + fare\_id
  + date\_time
  + status
* passes
  + pass\_id - [ primary key ]
  + request\_id -[ foreign key ]
  + issue\_date
  + valid\_till
* renewal\_request
  + renewal\_id - [ primary key ]
  + pass\_id -[ foreign key ]
  + expiring\_on
  + date\_time
  + status
* payment
  + pay\_id - [ primary key ]
  + user\_id -[ foreign key ]
  + request\_id -[ requestid/booking\_id]
  + type[pass/booking]
  + date\_time
  + status
* feedback
  + feedback\_id - [ primary key ]
  + user\_id -[ foreign key ]
  + feedback\_desc
  + date\_time
* booking\_master
  + booking\_master\_id - [ primary key ]
  + user\_id -[ foreign key ]
  + total
  + date\_time
  + status
* booking\_child
  + booking\_child\_id - [ primary key ]
  + booking\_master\_id -[ foreign key ]
  + bus\_id
  + seat\_id
  + from\_place\_id
  + to\_place\_id
  + amount
  + status
* cancellation
  + cancel\_id
  + booking\_child\_id
  + reason\_for\_cancellation
  + cancel\_datetime
  + cancellation\_status