Database Topic: Pedal – A cycling unit.

Mission Statement: The purpose of this project is to develop a centralized cycling system for the city of Bangalore. It will be used by students, professionals, and other citizens to facilitate functionalities like booking, sharing, and renting bicycles by improving upon the current system thus providing a cheaper mode of transportation.

Mission Objectives:

- To maintain (enter, update, delete) data on users.
- To maintain (enter, update, delete) data on bikes.
- To maintain (enter, update, delete) data on booking details.
- To maintain (enter, update, delete) data on bike stations.
- To maintain (enter, update, delete) data on trip details.
- To maintain (enter, update, delete) data on maintenance feedback.
- To maintain (enter, update, delete) data on billing and deposits.
- To maintain (enter, update, delete) data on discounts.
- To maintain (enter, update, delete) data on rules and safety.

- To perform searches on users.
- To perform searches on bikes.
- To perform searches on booking details.
- To perform searches on bike stations.
- To perform searches on trip details.
- To perform searches on maintenance checklist.
- To perform searches on billing and deposits.
- To perform searches on discounts.

- To track the status of the trip.
- To track the time required to complete the trip.
- To track the number of trips completed by the user.

- To report on users.
- To report on bike used.
- To report on bike stations used.
- To report on trip details.
- To report on time taken to complete ride.
- To report on user's achievements.