

## **Gas Booking Application**

Develop a console application for gas booking system. In the backend you can store the consumer details, and consumer can book for refill and update the delivery status and payment details.

### **Day 1: UML Diagram, ER Diagram and DB Design**

- Analyze the project.
- Design the UML Diagrams
  - o Use Case Diagram
  - o Sequence Diagram
  - o Class Diagram
  - o State Activity Diagram
- Design ER Diagram and EER Diagram
- Design the Database and insert sample records and test it by executing the different possible queries.

### **Day 2: Model Class and JDBC Connection**

- Develop the Model Class
- Establish the connection with MySQL using JDBC

### **Day 3: Develop the complete console application**

- Develop the required classes for an application to get input and display the required output.

### **Day 4: Project Completion and Review**

- The final review will be conducted where each individual has to present the project.