

## **Database Design and Applications - MINI PROJECT**

Name	: Railway Crossing Status
Time Duration	: 8 hours
Language	: Java
Database	: MS SQLServer

### **Project Objective:**

- To Modify the existing Application already created using the Java programming language. Apply the Database Concepts to store the data in a persistent manner.

### **Problem Statement:**

This Project is an extension of the Mini Project already created under the Module 'OOAD & DSA'. In this project Collections FW and FileIO were used for data storage and management. With the help of database language commands like DDL, DML language, you are needed to store the data in database.

### **Steps to Follow:**

- Create ERD for Railway Crossing Application.
- Create Database by converting the ERD into tables.
- Apply suitable constraints on tables.
- Introduce code in your java application to connect with the database.
- Modify the java code of the existing application and apply SQL commands to make the data persistent in the database.