

# **DATABASE DESIGN REPORT FOR CAR VEHICLE INSURANCE COMPANY**

## **TEAM 10 DBMS PROJECT CDM REPORT**

### **PROJECT TITLE :**

**A database for a Car Vehicle Insurance Company**

### **PROJECT DEFINITION:**

#### **Purpose:**

The purpose of this project is to outline vehicle insurance data and requirements, to recommend data management solutions and to provide information regarding the vehicle insurance. The purpose of this project is to develop a data management system to consolidate, organize, document, store and distribute information related to vehicle insurance management systems. A centralized database created to consolidate data, allowing integrated, long term analyses, and dynamic search ability with user friendly query tools to be performed to support adaptive management. Many data collection, analysis and presentation software programs that are currently being used must be able to interface with any new data management system. Continuity with consistent data collection methodology is enforced by a common database system, allowing for standardized format for forms and reports between projects.

#### **Project scope:**

Boundaries of the project are: knowledge of the students delivering the outputs; their background in different fields; learning the process of Database (DB) design; not knowing how to use the tools to design DB; what kind of DB to be deliver as regarding to marks given by module; time management.

## **Objectives:**

It is implemented using MySQL respectively. The project consists of seventeen tables mainly. Each table will have its own services. The main aim of a DBMS is to supply a way to store up and retrieve database information that is both convenient and efficient. By data, we mean known facts that can be recorded and that have embedded meaning. Normally people use software such as Microsoft ACCESS, or EXCEL to store data in the form of a database.

## **Constraints:**

External variables that we must manage but are out of our control: other module schedules changes; work been done for other modules that could affect time spent on a project for design of DB; weather conditions – being out of electricity as we use computers to design DB; logistics not coming on time; or internet failure; lost or stolen disk or computer containing the project outputs; team members not working hard.

## **Project Organization:**

Names of Project Team: TEAM 10

Name	Student Number	Phone Number	E-mail address	Role/Work Description
G RITHIKA	18BCS031	9381106027	18bcs031@iiitdwd.ac.in	6 Tables, 2 Queries, Report
KAVANA S SALUNKHE	18BCS039	9663792923	18bcs039@iiitdwd.ac.in	3 Tables, ERD, 1 Query, Cascading, Report
MEGHANA M H	18BCS052	8296992871	18bcs052@iiitdwd.ac.in	4 Tables, 2 Queries, ERD
SAMANA B S	18BCS088	7259515500	18bcs088@iiitdwd.ac.in	4 Tables, ERD, 1 Query, Report

# **CONCEPTUAL DATA MODEL**

## **ASSUMPTIONS:**

These assumptions will help shape our model to allow consistency within our design.

<b><u>Assumptions</u></b>	<b><u>Description</u></b>
Assumption 1	Customer must be a permanent international driving licence
Assumption 2	The online insurance has no physical high-street presence
Assumption 3	The online insurance is given to customers over 18 years of age
Assumption 4	The online insurance needs some driving history of customer
Assumption 5	The online insurance needs to know type of car customer drives
Assumption 6	The online insurance needs to know about insurance history of customer

## ER DIAGRAM:

