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**CLASS NO: level2 BIT, GROUP 3**

**PROJECT NAME: BUSS MANAGEMENT SYSTEM**

**1. PLANNING**

Our project is called Buss management system which is mainly focuses on basic operation in process of getting car like booking tickets, choosing location , selecting seat by passenger, searching passengers name and other details ,updating and modifying information of passengers and deleting information of passenger.

Main objective of this project is to provide the hand free access to buss management portal through web interface. This project Buss management gives us complete information about ticket booking we can add new passenger , retrieve all

Information about passenger, update passenger information, delete passenger who

Cancelled ticket , search passenger and booking seat.

The problems the future needs to solve “ this project solve a problem of wasting time of going in the office for booking a ticket at the office physical sometimes at ticket office there is many clients that’s needs support even you can miss the car because of many passengers at the office and there is few cars so you may late the

Journey.

**2. DESIGN**

Buss management system , serve as storage as storage for journeys related information like seats , plate number of car time of dipature , names , telephone numbers just to keep passengers record and prices online

Etc. it is also involved In managing booking requests and ticket issuing.

Buss management system is a system whill allows buss companies to sell tickets

Online to passenger where ever there are by keeping their records.

Functional requirements are:

admin will be able to login using his/her username and password.

Admin will be able to delete data easily.

Admin will be able to insert data without any doubt.

Admin will be able to update and modify easily

Non functional requirements are:

Usability

Security

Scalability

Userfriendly

Performance

**3.DEVELOPMENT**

in our project we used java NetBeans in designing (front end technology) and source code (back end technology) to build our project.

we use JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.

And also, we xamp server, MySQL for accessing database, MySQL provides connectivity for client applications developed in the Java programming language with MySQL Connector, JCalendar tools that are used for accessing time and duration which is available (accessing Official calendar).

**4.TESTING**

System testing is the process in which a quality assurance (QA) team evaluates how the various components of an application interact together in the full, integrated system or application.

This is how we did it:

Open xampp server

Start Apache and mysql

Open project in netbeans

Add Jcalender jarfolder in the libraries

Add com.mysql.jdbc\_5.1.5.jar in the Libraries.

**5.DESIGN**

In this stage we try to exporting database, extracting project from one computer

to another by using USB Flash, create folder on our laptop and storing database

file and project file and install web server, NetBeans in their own laptop and

then create database with the same name of existing database, import database.