**JAVA PROGRAMMING**

**BUS RESERVATION SYSTEM**

**GROUP MEMBERS**

|  |  |  |
| --- | --- | --- |
| **ROLL NO.** | **CLASS** | **NAME OF MEMBER** |
| 2102 | CO4I | VARUN CHAUDHARI  (GROUP LEADER) |
| 2103 | CO4I | DRAVIN CHAUHAN |
| 2117 | CO4I | HERAMB PAWAR |

**GUIDE NAME: MRS.ANUPAMA NAIR**

**PART A PLAN**

TITLE: **BUS RESERVATION SYSTEM SYSTEM.**

1. **BRIEF DESCRIPTION:**

* The Project Helps To Access Some Vital Process Of Bus Reservation System
* It Helps Passenger To Get Information About A Bus Without Visiting The Bus Station
* The Project Consist Of 2 Main Module o Guest Login o User Login
* In Guest Login Only General Information About A Bus Can Be Obtained
* In User Login You Can Book A Ticket And Can Also View Other General Information About A Bus.
* The User Login Is Fully Secured With Password To Access It.

1. **AIM OF MICRO PROJECT:**

The Micro-Project Aims :-

* That By Using Java Applications & Software Can Be Easily Developed
* At Detail Study Of Each Concept Of Java
* To Make Some Process Of Bus Reservation System Flexible For Passengers/Users
* To Reduce Time ,Effort And Manual Work
* To Provide Facilities Such As o Route & Other Information o Book Ticket o Seat Avability

1. **ACTION PLAN:**

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| --- | --- | --- | --- | --- |
| **SR NO** | **DETAIL OF ACTIVITIES** | **PLAN START DATE** | **PLAN END DATE** | **NAME OF TEAM MEMBERS** |
| 1 | GROUP FORMED ACCORDING TO ROLL NO & GROUP LEADERS WERE ELECTED ALSO DETAILED INFORMATION ON MICRO PROJECT WAS GIVEN | 9/12/19 | 20/12/19 | HERAMB PAWAR |
| 2 | FINALIZATION OF MICROPROJECT AS WELL AS DETAILED DISCUSSION REGARDING TOPIC | 23/1/20 | 3/1/20 | VARUN CHAUDHARI |
| 3 | PLANNING OF MICRO-PROJECT REGARDING LANGUAGE, RESOURCES, SOFTWARE USED, SUBMISSION DATE AND COMPLETING PART A PLAN OF MICRO – PROJECT | 6/1/20 | 17/1/20 | DRAVIN CHAUHAN |
| 4 | COMPLETE ANALYSIS OF DESIGN PART OF MICRO-PROJECT & DISTRIBUTION OF MODULE AMONG GROUP MEMEBERS | 20/1/20 | 31/2/20 | HERAMB PAWAR |
| 5 | DESIGNING ALGORITHIM AND FLOW CHART FOR MICRO-PROJECT AND GETTING IT FINALIZED BY THE GUIDE | 3/2/20 | 14/2/20 | VARUN CHAUDHARI |
| 6 | IMPLEMENTATION OF ALGORITHM ON PROJECT BY WRITING CODE FOR EACH MODULE AND TESTING THE OUTCOME OF MICRO-PROJECT | 17/2/20 | 28/2/20 | DRAVIN CHAUHAN |
| 7 | PRESENTATION OF 1ST PART OF MICRO-PROJECT INFRONT OF GUIDE BY EACH GROUP MEMBER AND PREPARING OF PART B PLAN FOR MICRO-PROJECT | 2/3/20 | 13/3/20 | HERAMB PAWAR |
| 8 | SUBMISSION OF MICRO-PROJECT | 16/3/20 | 27/3/20 | VARUN CHAUDHARI |

1. **RESOURCES USED:**

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| SR NO | NAME OF RESOURCES REQUIRED | SPECIFICATION | QUANTITY | REMARKS |
| 1 | COMPUTER | PROCESSOR-AMD  HARD DISK-2 TB  RAM-16GB  OPERATING SYSTEM-WINDOWS 10 PRO | 1  1  1  1 | HARDWARE & SOFTWARE USED |
| 2 | JAVA | JDK 16.0.1 | - | IDE & COMPILER FOR  JAVA PROGRAMMING |
| 3 | PROGRAMMING LANGUAGE | JAVA | - | PROGRAMMING LANGUAGE |