  **Software Development Project Proposal**

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**Mawlana Bhashani Science & Technology University**

**Department: Computer Science and Engineering**

**Name of the Project Title: An Airline Reservation System**

**Course Title: Software Development Project-II and Industrial Tour**

**Course Code: CSE3116**

**Submitted By,                                                     Submitted To,**

**Avijit pal; ID: CE18017                            Dr. Mostofa Kamal Nasir**

**Nilofa Easmin; ID: CE18018 Professor,**

**Year: 3rd; Semester: 1st Dept. of computer science and**

**Session: 2017-18                                           engineering**

## 1. Project Title: An Airline Reservation System

**Group Name: Error**

**2. URL of your project’s website :**

**3. Team Profile:**

**4. Proposed Project Description:**

This project on Airline Management System is the automation of registration process of airlines system. The system provides information like passenger’s information, flight information, list of all passengers, it allows storing and retrieving data related to the airline industry and make transactions related to air travel etc. The system also allows us to add records when a passenger reserves a ticket. For data storage and retrieval we use MySQL Database. It enables us to add any number of records in our database. The project “Airline Management System” comprises of a large number of flights which belong to a particular airline. The system we have implemented manages different objects viz.

·       Airline

·       Airline Employees

·       Customers/ Traveler

**5. Requirements:**

a. Software Requirements:

Windows 10

Java Net Beans

MySQL

b. Hardware Requirements:

Intel Core i5

RAM 8GB

**6. Plan of work and product ownership:**

**a. Functionality:**

Login Operation

Drop-down Menu

Flight Information

Adding Customer

Payment Details

Journey Details

Cancellation

**b. Milestone and Deliverables:**

Report presentation

20-10-2020

Testing

04-10-2020

Debugging

Requirement Specification

**Deliverable**

08-09-2020

Coding

18-08-2020

Design

22-07-2020

3 days

2 days

4 days

10 days

7 days

5 days

**Milestone**

**c. Qualitative property:** Update input

**d. Project Reporting:** The details of Project Reporting will be given in separate pdf file.

**7. Individual Contributions Breakdown:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **Requirement**  **Specification** | **Software**  **Design** | **Coding** | **Debugging**  **& Testing** | **Report Preparation** |
| Avijit pal  Nilofa Easmin | **50%**    **50%** | **50%**  **50%** | **50%**  **50%** | **55%**  **45%** | **20%**  **80%** |

**Conclusion:**

This project on Airline Management System is the automation of registration process of airline system. The system is able to provide much information like passenger’s details, flight details and the booking details. The system allows us to add records when a passenger reserves a ticket. It also allows to delete and update the records based on passenger’s requirements. This project has guided our path through various aspects of computer science where developing online application plays a major role.

Signature of supervisor