



American International University-Bangladesh (AIUB)

**Department of Computer Science**

**Faculty of Science & Technology (FST)**

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**CSC 2210 Object Oriented Analysis and Design (OOAD)**

**Section: F**

**Group No: 04**

**Hotel Booking Management System**

An Object-Oriented Analysis and Design (OOAD) project submitted  
By

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## **Hotel Booking Management System**

### Motivation & Background Study:

Hotel Booking Management System is a way for tourist where they can book or take room without any hassle. Though this system work with their primary user but there also have admin section and hotel management section who will allocate or enter rooms and their facilities after this the main interaction will start from a Customer (Tourist/Normal Person) who will choose the room which is suitable for them, after that it will be confirmed by a manager who work at that hotel. The manager also can give them extra facilities like food facilities, discounts etc. Through this system manager can generate bill or the bill will generate automatically, and customer can pay this through this system cash, card, or online payment.

### Requirement Analysis:

There are 4 type of user:

1. Customer
2. Hotel Manager
3. Admin
4. Accountant

In this project the “Customer” has the following features:

1. Login.
2. Check In.
3. Check Out.
4. Booking.
5. Make Payment.

In this project the “Hotel Manager” has the following features:

1. Login.
2. Receive Customer Information.
3. Receive Booking.
4. Call Customer.
5. Give Extra Facilities.

In this project the “Admin” has the following features:

1. Login
2. Transfer Customer Information.

In this project the “Accountant” has the following features:

1. Login.
2. Receive Payment.
3. Give Discount (depends on payment).
4. Give Receipt.