**HOTEL MANAGEMENT SYSTEM PROJECT CLASS DIAGRAM**

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| |  | | --- | | Employee |  |  | | --- | | String name;  String nId;  String designation;  Int age;  String nationality; | | void setName(String name)  void setnId(String nid)  void setDesignation(String designation)  void setAge(int age)  void setNationality(String nationality)  String getName()  String getnId()  String getDesignation()  int getAge()  String getNationality() | |

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| Customer |
| String name;  String nid;  int age;  int phoneNumber;  String nationality; |
| void setName(String name)  void setnId(String nid)  void setAge(int age)  String getName()  String getnId()  int getAge()  void setNationality(String nationality) |

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| Booking |
| Int customerNO |
| void setCustomerNo()  int getCustomerNo()  void getCustomerNumber()  void bookAroom(Customer c)  void Checkout() |

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| EmployeeOperations |
| void insertAnEmployee()  void showAllEmployees()  void searchAnEmployee() |

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| Room |
| int RoomNo;  String roomType;  int DeluxCost;  int NormalCost; |
| void setroomNo(int RoomNo)  void setRoomType(String roomType)  int getroomNo()  String getRoomType()  void setDeluxCost(int DeluxCoxt)  void setNormalCost( int NomalCost)  int getDeluxCost()  int getNormalcost()  abstract void getCustomerNumber() |

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| CustomerOperations |
| void insertACustomer(Customer cu)  void showAllCustomers(Customer cu)  void searchACustomer(Customer cu) |

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| IEmployeeOperations |
| public void insertAnEmployee(Employee emp)  public void showAllEmployees(Employee emp)  public void searchAnEmployee(Employee emp)  public void deleteAllEmployees(Employee emp) |

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| ICustomerOperations |
| public void insertACustomer(Customer cu)  public void showAllCustomer(Customer cu)  public void searchACustomer(Customer cu)  public void deleteAllCustomers(Customer cu) |

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| START |
| \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*HOTEL MANAGEMENT SYSTEM\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  **WELCOME TO JNE INTERNATIONAL INN.**   1. **EMPLOYEE MANAGEMENT**   **i. Insert An Employee**  **ii. Show All Employees**  **iii. Search An Employee**  **iv. Delete All Employees**   1. **CUSTOMER MANAGEMENT**   **i. Insert a Customer**  **ii. Show All Customers**  **iii. Search by Name**  **iv. Delete All Customers**   1. **BOOKING** 2. **Checkout** 3. **Exit the menu.** |