Name: Ashwin Rajan

Java 2

Project Proposal

UML Diagram

**Rooms**

- type: String

- roomNum: int

- roomRate: double

**Reservation**

- checkIn: Date

- checkOut: Date

- recervationID: int

**Hotel**

- hotelName: String

- hotalAddress: String

**Staff**

- userId: int

***Person***

+ name: Name

+ address: Address

- dateOfBirth: String

- phoneNumber: String

+ Person()

+ setName(firstName: Strin...

+ setAddress(streetNum: S...

+ setDateOfBirth(dateOfBir...

+ setPhoneNumber(phone...

+ toString() : String

**Name**

- firstName: String

- lastName: String

+ Name()

+ Name(firstName: String, ...

+ Name(firstName: String)

+ getFirstName() : String

+ getLastName() : String

**Customer**

- passportNum: int

- nationality: String

**Address**

- streetNum: String

- streetName: String

- cityName: String

- provinceName: String

- postalCode: String

- COUNTRY: finalString

+ Address()

+ Address(streetNum: Strin...

+ getStreetNum() : String

+ getStreetName() : String

+ getCityName() : String

+ getProvinceName() : String

+ getPostalCode() : String

+ getCountry() : String

+ setStreetNum(streetNum...

+ setStreetName(streetNa...

+ setCityName(cityName: S...

+ setProvinceName(provinc...

+ setPostalCode(postalCod...

**Payment**

**HotelManager**

- roomRate: double

**Receptionist**

- annualSallary: double

- amount: double

- payeeName: String

- creditcardNum: int

+ maintainRoomRate() : void

**Group Members Names: Ashwin Rajan**

**Project Name: Hotel Management**

**Date Submitted: 22/2/2012**

Hotel Management is easy to use application which is used to register multiple customers. Hotel Management software possess all type of information such as hotel staff, room type, charges, records, user's personal information with restriction of unauthorized access to customer's data. Hotel Management process transactions such as check in, check out, booking add or edit changes. Hotel Management is implemented to add and edit customer's personal information such as name, address, city, state, id, country, date of birth etc.

Key features of Hotel Management:  
\* Add/edit customer information such as name, address, city, state, id, country, date of birth etc.  
\* Room status including room no, room type, room floor   
\* Check in date, check out date, staying days.  
\* Give date of booking, check in date to users.  
\* Generate reports for check in, booking and check out process.  
\* Displays the customer with booking receipt.

This application is intended for those who work at hotel, such as hotel receptionist. This application is useful for keeping record of customers who have registered in hotel. It also generates report for check in, booking and checks out process and displays this to customer. This application keeps track of customer information such as name, address, date of birth. Also check in date, check out date, staying days, room status including room no, room type, room floor.