**Hotel Managed System**

**Member**:

**Tan Tho Nguyen** (986205)

**Tuan Sang Tran** (985661)

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**Description**:

We are going to build a hotel manage system that client/admin be able to do:

* Book the room (based on price, type, date). – *Vy Nguyen*
* Modified booking (cancel, update). – *Vy Nguyen*
* Payment. – *Vy Nguyen*
* Register. – *Tan Tho Nguyen*
* Log in/ Log out to the system. – *Tan Tho Nguyen*
* Search room. – *Tuan Sang Tran*
* Provide promotion to client. – *Tuan Sang Tran*
* View user profile. – *Tan Tho Nguyen*
* Billing, check in/ check out - *Tan Tho Nguyen*

We will build the application after that we will apply the patterns to our application.

**About framework:**

The framework is based on ‘Hotel Managed System’ application to give the structure for any service system (Spa zone, hotel, motel, renting…) using it and develop new application based on their business easily. It is called ‘Service System’ framework, below is its initial structure:

**Payment (make payment, do action)**

**Service (create, modify)**

**User (create, view)**

has

* Room service (booking, update, cancel)
* User (customer, employee)
* Payment
* Check in/ Check out
* Promotion (discount, point)
* …

using

Hotel Application

**Service System Framework**

**Search**

**Promotion**

**Check in / Check out**