Final Project Proposal

Team-Null

1.Project/Problem Overview:

As increasingly higher level of spirit enjoyment, the tourism industry has been brought a sustained growth. It plays a key role in many countries, and it has a positive influence on the national economy.

The tourism agency system becoming an important factor affecting the development of the tourist industry, which has interaction between multiply industrial field. So our group project aim to build an integration hotel booking network between online travel agency website, hotel, transportation company and users(both users from website also drivers from transportation company).

Due to the business relationship between hotel and transport company, every order go through this system will be assigned at least one driver.

--system range from providing online reviews, recommendations and bookings for hotel. The hotel will request transport company to pick-up customers.

2. Application Key Functionalities

a.Search and Book Hotel

It is a fundamental function for the system should be book the hotels. Customer can search the hotel by City and Country, then check their availability and place the order.

b.Assign the driver

After the order has been placed and accepted by the hotel, hotel will choose the transport company to accomplish pick-up services. The driver can see all orders waiting for accomplish and choose which can be taken.

c.Review the Hotel

After the Order finished(the status will be ''Completed''), customer can review and rate the hotel, which will be showed in details of Hotel. Helping people make decision of book the hotels.

d.Revise Personal Information

The admin of every system can check their information, view all the past orders and status,

3.Proposed Entities:

Enterprises:
 Hotel, Transport Company,
Organization:
 Driver Organization, Hotel Manager Organization, Transport Company Manager Organization, Customer Organization, System Admin Organization

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Eco-system

Network ─────────────┐
                     │
Enterprise Directory │
                     │
Enterprise ◄──────┐  │        TravelCompany        Admin Organization
                  │  │
Organization      │  │        Hotel                Hotel Manager
Directory         │  │                             Organization
                  │  │
                  │  │                             Transport Company
                  │  │                             DriverOrganization
Organization ◄────┼──┼──────────────────────────── Transport Company
                  │  │                             Manager
                  │  │                             Organization
                  │  │
                  │  │                             Customer
                  │  │                             Organization
Employee Directory│  │
                  │  │
                  │  │        workqueue ── workrequest ── Transport Workrequest
User Account      │  │                                    Order Workrequest
Directory         │  │                                    Review Workrequest
                  │
Employee ── User Account
                  │
                Role
                  │
  AdminRole  ManagerRole  DriverRole  CustomerRole
```