Softwarere Requirment Specification

Introduction:

1.1 Purpose Of This Document:

The site is a tourist company and reservations. The customer can book the trip through the company's website.

1.2 Scope of this document:

The site displays the flights and the number of nights of the trip on the home page for the customer to see it, but to choose the trip to him first to register on the site. After logging on the site can choose the trip and choose the number of days and will show the price of the trip. If not find the appropriate trip can send e-mail to the trip he wants and the admin will reply to him either by approving the trip or the rejection. Payment is either by cash or by visa. The customer makes a report on the trip and looks forward to this report manager.

1.3 Overview:

The site consists of a manager, who is responsible for the work of emails for all those who work with the System .Admin is responsible for adding and modifying and delete trips .guide goes with tourists on trips. Financial manager is responsible for accounting the client on the price of the trip and adds to the company account.

1.3 Business Context:

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2   General Description

3   2.1 Product Functions :

To customer add report , comment ,cancel Trip, Edit trip, add special Trip,   should be login on the site and to be log in Shloud be make registration . When he pay the salary should be The trip is submit.

For the admin make Add Trip ,Edit Trip , Delete Trip should be make login ,to make login should be take E-mail form manger ,who Administrator about make E-mails to admins. To Add customer to Trip should be the customer is submitted .for The guide approving on Trip Should be login ,for refuse The Trip Shouldn't be refuse more than 2 Trip.

2.3 User Characteristics :

There are Four type of user , That interact with the system ; customer, administrator, manger and representative of the site.

The customer can only registration on the site, login in the site , change Trip , Edit the Trip, change special Trip , Add report, Add comment.

The Adminstrator can login in the site by E-mail

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, Add Trip , Edit Trip , Delete Trip, Add comment and change password for her Email.

The Representative can login in the site by E-mail, Add customer to journey after submit the registration.

The manger can login iin the site , check reports whitch the customer wtite them , add and delete admin .

2.5 User Objectives :

The objective of the customer is that get on the best offer with the best cost.

The objective of the manger is to make the biggest possible profit.

The objective of the administrator is Customer Satisfaction.

2.6 General Constraints :

The customer is constrained by the system interface to the login .The admin is constrained by add trip or edit trip or delete trip should be have e-mail and login system. The guide is constrained by don't refuse any trip if he refuse

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2 trip in the current month.

3 Functional Requirements:

3.1 User Class-The customer

3.1.1

Title: login on the system;
DESC: The customer must login on the system to can book the journey .so that he
RAT: The customer can show the site and book the journey .
DEP; registration on the system.

3.1.2

Title: choose journey
DESC: This function allow to customer that choose place of the journey , the start date and the end data. Then see the cost of the journey.

RAT; The customer book the journey

DEP: 3.1.1 Function

3.1.3

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Title: add report

DESC: the customer can do report on a journey and write evry thing about it.

RAT: To know the administrator any thing happen in journey.

DEP: 3.1.2 Function.

3.1.4

Title: Add special journey

DESC: the customer can add journey don't added by admin but this journey suggest by customer .

3.2 user class-maneger

3.2.1

TIitle: Add admin&guide

DESC: this function work on add admins and guide to the system by make e-mail to the admin to login on the system.

RAT; To can admins and guide login on

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system.

DEP: the manger is login on the system.

3.2.2

Title: Check Reports

DESC: This function allow to the manger that show all reports were written about the journey.

RAT: To show any thing negative in the trip did not satisfy the customer.

DEP: 3.1.3 Function and the manger is login.

3.3 User class-admin

3.3.1

Title: Add journey.
DESC: this function allow to the admin that add new journey to the system .

RAT: to make the customer choose it.

DEP: the admin is login.

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3.3.2

Title: Edit journey

DESC: this function works on a configurable modification in anyourney.

RAT: So that the admin can modify any thing in any journey.
DEP: The admin is login and thare journey.

3.3.3

Title: Add Comment.

DESC: tis function allow to admin that write description about journey.

RAT: To tell the customer description about journey.

DEP: The admin must be login on System.

3.3.4
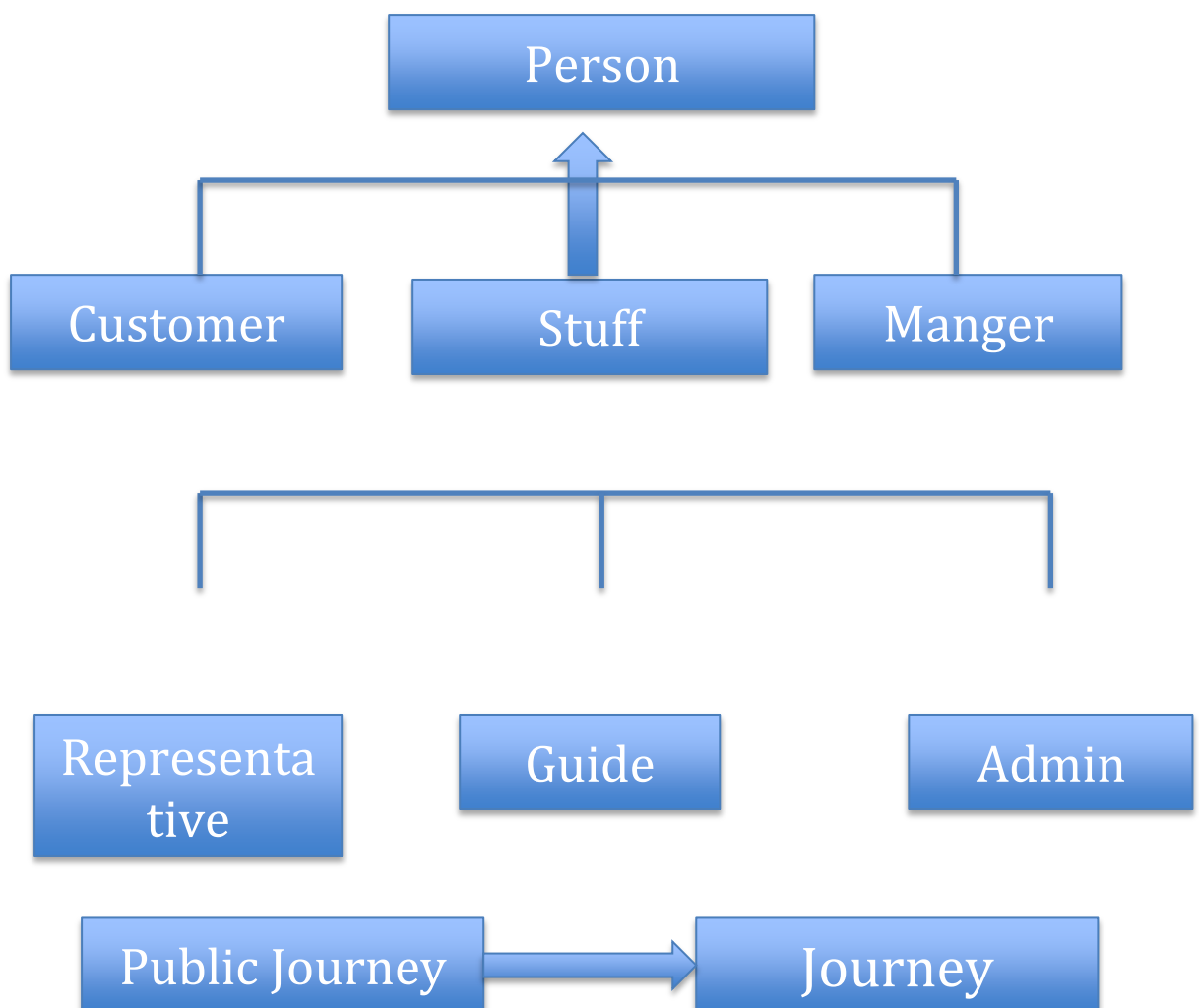
Title: Change password

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DESC: This function allow to admin that change your mail password for security.

RAT: for Security.

DEP: have email.

8 Preliminary Object-Oriented Domain Analysis :

8.1 Inheritance Relationships:

```
                        ┌─────────────┐
                        │   Person    │
                        └─────────────┘
                               ▲
             ┌─────────────────┼─────────────────┐
       ┌───────────┐     ┌───────────┐     ┌───────────┐
       │ Customer  │     │   Stuff   │     │  Manger   │
       └───────────┘     └───────────┘     └───────────┘

       ┌───────────────────────┼───────────────────────┐
   ┌───────────┐         ┌───────────┐           ┌───────────┐
   │Representa │         │   Guide   │           │   Admin   │
   │   tive    │         └───────────┘           └───────────┘
   └───────────┘

       ┌───────────────┐              ┌───────────────┐
       │ Public Journey│─────────────▶│    Journey     │
       └───────────────┘              └───────────────┘
```

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8.2 Class descriptions:

8.2.1 Class name : My classes are concrete.

8.2.2 List of Superclasses :

1-Person Class.
2-Stuff.
3-Journey.

8.2.3 List of Subclasses:
1-Stuff.
2-Manger.
3-Customer.
4-Admin.
5-represantitive.
6-Public.
7-Journey.

8.2.5 Collaborations:

8.2.7 Operations :

Person Class:
1-Login Operation:
2-Log out Operation:

Customer

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1-Register.
2-Pay.
3-Add Journey.
4-Delay Journey.
5-Cancel Journey.
6-Add Special Journey.
7-Edit Special Journey.
8-Add Comment.
9-Delete Comment.
10-Write report.

:
1-Check Report For Journey.
2-Check Report From Customer.
3-Add admin&guide&rep.
4-Delete Admin&guide&rep.

:
1-Accept Journey From admin.
2-Reject Journey From admin.
3-Show Details About him in journey.

1-Add customer to journey
2-delete customer from journey.

1-Add Journey

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2-Edit Journey

3- Delete Journey.

4-Add Comment.

5-Edit Comment.

6-Delete Comment.

7-Add guide to Journey.

8-Reply On Special Journey.

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