< Journey Assistant >
Delivery List
Version 1.0

Group Member

Yiwen Song
Zhihui Xie
Weizhe Wang
Huangfei Jiang
Haoping Chen

Modification History

Date	Version	Description	Author
2019-06-18	1.0	Finish the first version.	Weizhe Wang

Contents

1 Intruduction

1.1 Purpose

This delivery list is to list what we need to delivery about the Journey Assitant software and give proper explanition. The list will show composition of all our document and software in our project. This document is written for users to check and accept the job of developers.

1.2 Scope

The document is written for our Journey Assistant software, and all content of accords with the software's features, subsystems, models, codes, etc.

1.3 Definition

The terms referred to in this document are defined in the project glossary document (Glossary.pdf).

1.4 Bibliography

1. <Object Oriented Software Engineering (Version 3)> (Tsinghua University Press)
2. <Object Oriented Software Engineering Practice Guidelines>

1.5 Sketch

This document includes document list and software list. Document list will list kinds of document and corresponding name. Software list will give every software module in the project and its filename as well as size. The two parts complement and contrast each other, will show our delivery together.

2 Document List

2.1 Planning Stage

Documents in planning stage are shown in Table 1.

filename	file type	file size
Feasibility Analysis Report	pdf	130KB
Project Development Plan	pdf	133KB
Risk list	xlsx	10KB

Table 1: Planning Stage

2.2 Requirement Acquisition and Analysis Stage

Documents in requirement acquisition and analysis stage are shown in Tabel 2

filename	file type	file size
Glossary	pdf	24KB
Software Requirement Specification	pdf	516KB

Table 2: Requirement Acquisition and Analysis Stage

2.3 Design Stage

Documents in design stage are shown in Table 3.

filename	file type	file size
Software Architecture Document	pdf	2063KB
Software Design Model	pdf	1655KB

Table 3: Design Stage

2.4 Test, Conclusion And Delivery Stage

Documents in test, conclusion and delivery stage are shown in Table 4.

filename	file type	file size
Delivery List	pdf	263KB
Software Testing Plan	pdf	50KB
Software Testing Summary Report	pdf	42KB
Software Project Summary Reort	pdf	165KB
Software Acceptance Report	pdf	40KB
User Manual	pdf	7658KB

Table 4: Test, Conclusion And Delivery Stage

3 Software List

3.1 Android Client

The name of our android project is TravelingAgent, the size of whole file is 480MB, and the structure of project is as follows:

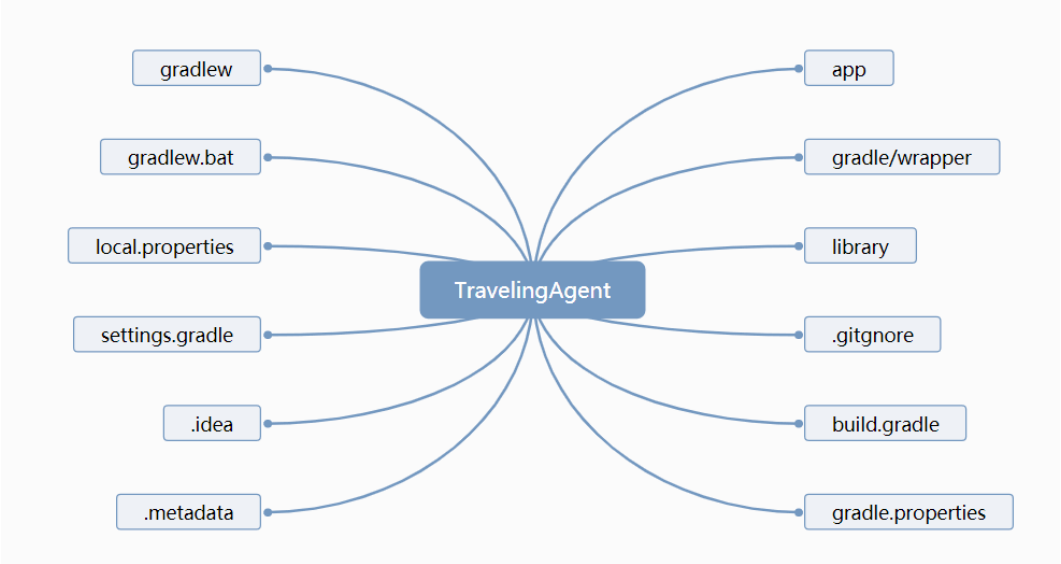

Figure 1: Android Client

3.1.1 Java Source Code

```
java/com.example.travelingagent
├─activity
│  │  CustomizationActivity.java          //路线定制活动
│  │  FeedbackActivity.java               //用户反馈活动
│  │  CheckItinerariesActivity.java       //保存路线查看活动
│  │  LoginActivity.java                  //登录活动
│  │  MainActivity.java                   //主页面活动
│  │  RecommendationActivity.java         //路线推荐偏好获取活动
│  │  RecommendationDisplayActivity.java  //路线展示活动
│  │  SavedItineraryDisplayActivity.java  //保存路线展示活动
│  │  RegisterActivity.java               //登录活动
│  │
│  └─ui
│
├─entity
│     Hotel.java                          //酒店实体类
│     Sight.java                          //景点实体类
│     Spot.java                           //地点实体类
│     User.java                           //用户实体类
│     Itinerary.java                      //路线实体类
│
├─protocol
│  ├─api
│  │     CustomizationClientApi.java      //路线定制所需的客户API
│  │     ItineraryClientApi.java          //路线规划所需的客户API
│  │     LoginClientApi.java              //登录所需的客户API
│  │     RecommendationClientApi.java     //路线推荐所需的客户API
│  │     RegisterClientApi.java           //注册所需的客户API
│  │     WeatherClientApi.java            //获取天气所需的客户API
│  │
│  └─entity
│        LoginEntity.java                 //登录信息实体类
│        RegisterEntity.java              //注册信息实体类
│        WeatherEntity.java               //天气信息实体类
│
└─util
      adapter                             //包含各类信息展示的Adapter
      baiduMap                            //包含百度地图API官方调用的实体类
      easyFeedback                        //包含反馈用户信息的实体类
      listener                            //包含触控操作相应的Listener
      viewHolder                          //包含各类填充信息的ViewHolder
```

Figure 2: Java Source Code

3.1.2 Resource File

```
res
├─drawable        //UI中使用的图片资源文件
|
├─layout          //界面布局文件
|
├─menu            //菜单页布局文件
|
└─values          //其他资源文件如字符串、颜色、尺寸
```

Figure 3: Resource File

3.2 Server

During constructing the server, the IDE we used is NetBeans IDE 8.2, and the server we userd is apache-tomcat-9.0.20, The name of file is jsf-helloworld with a size of 20.4MB, the file structure of project is as follow:

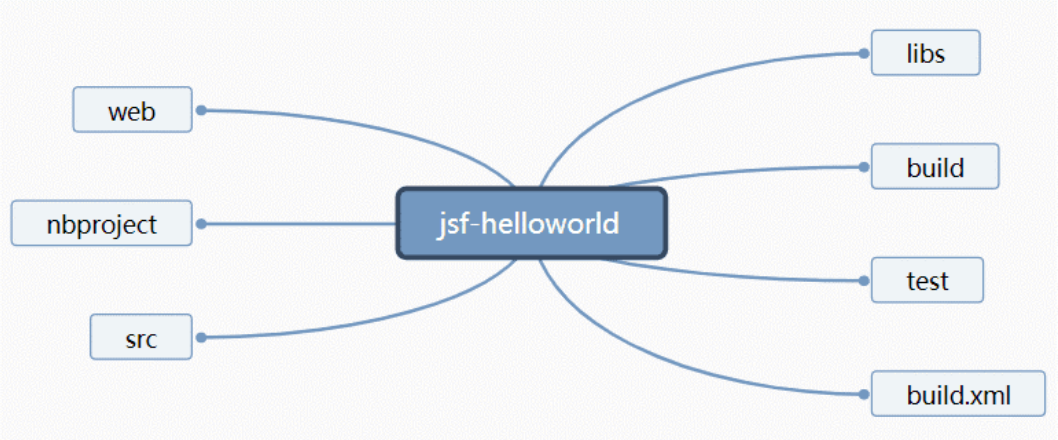

Figure 4: Server

Corresponding Java codes are in src, total size is 112KB, all the files are listed as follow:

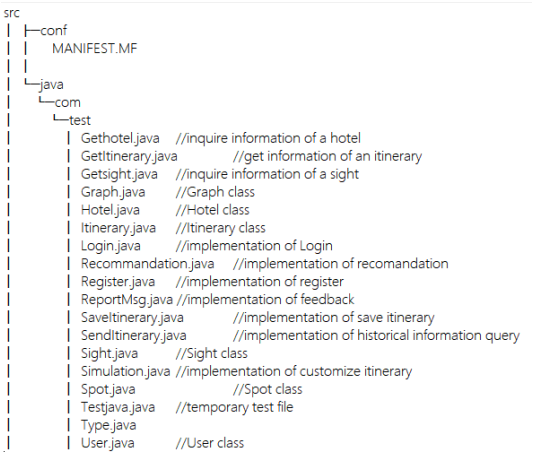

Figure 5: Java Source Code

The libraries we used are listed as follow:

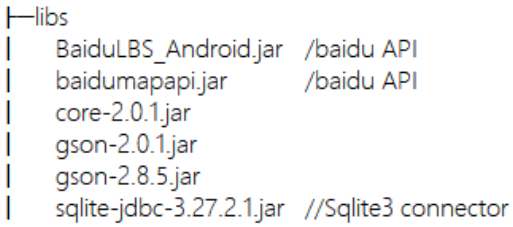

Figure 6: Libraries

3.3 Database

3.3.1 Overview

Our software uses Sqlite3 to store the information. Our database file name is SEDB.db , with a size of 368KB. Since the database will be updated every month, it would be even larger in the future.

3.3.2 Details

Here is the property of tables in our database.

Number	Field	Description	Type	Allow Null	Primary Key
1	ID	ID of users	int	N	Y
2	username	name of users	text	N	N
3	userpwd	password of users	text	N	N
4	mail	e-mail of users	text	N	N

Table 5: User

Number	Field	Description	Type	Allow Null	Primary Key
1	sight_id	ID of each sight	int	N	Y
2	name	name of each sight	text	N	N
3	popularity	popularity of each sight	double	N	N
4	price	price of each sight	double	N	N
5	total	total score of each sight	double	N	N
6	environment	environment of each sight	double	N	N
7	service	service score of each sight	double	N	N
8	latitude	latitude of each sight	double	N	N
9	longitude	longitude of each sight	double	N	N
10	city_id	the id of city where sight lies	int	N	N
11	description	description of sight	text	N	N

Table 6: Sight

Number	Field	Description	Type	Allow Null	Primary Key
1	hotelt_id	ID of each hotel	int	N	Y
2	name	name of each hotel	text	N	N
3	popularity	popularity of eachhotel	double	N	N
4	price	price of each hotel	double	N	N
5	total	total score of each hotel	double	N	N
6	latitude	latitude of each hotel	double	N	N
7	longitude	longitude of each hotel	double	N	N
8	city_id	the id of city where hotel lies	int	N	N
9	description	description of hotel	text	N	N

Table 7: Hotel

Number	Field	Description	Type	Allow Null	Primary Key
1	ItineraryID	ID of each itinerary	int	N	Y
2	city_id	the id of city that user chooses	int	N	N
3	user_id	ID of users	int	N	N
4	itinerary	the itinerary that user chooses	text	N	N

Table 8: User History

Number	Field	Description	Type	Allow Null	Primary Key
1	msg_id	ID of each message	int	N	Y
2	user_id	ID of user that sends message	int	N	N
3	msg	content of message	text	N	N

Table 9: Feedback