Group 4 - Plan Searching Assistant

version: 2.1.0

Installation guide:

This application does not require installation. The program must run with Eclipse, not terminal. Also, we don’t support jar file, since the program dependency on a JSON third-party library, The jar file cannot integrate with JSON library after the jar file generated. As the result, the program must to run with Eclipse.

Description:

Plan Searching Assistant application is aiming to provide a platform for user to collect the different information of telephone service plan. Also, it would made user change plan, join new plan in easy way. This service provider could manage the plan data more efficiently with this application. since there are lots of people like to vest the telephone service provider to collect the information of service plan and compare them to other service plan provider. In other word, this application provide an efficient way for plan searching and manage.

Requirement:

1. Java application and runtime environment
2. Eclipse

Usage guide:

1. Open project folder with Eclipse
2. Run the search\_it.java
3. Perform the operation with command

Usage example:

\_\_\_\_\_\_\_ \_ \_ \_\_\_\_\_ \_ \_\_\_\_\_ \_

|\_\_ \_\_| | | | | | \_\_ \| | / \_\_\_\_| (\_)

| | \_\_\_| | \_\_\_ \_ \_\_ | |\_\_ \_\_\_ \_ \_\_ \_\_\_ | |\_\_) | | \_\_ \_ \_ \_\_ | (\_\_\_ \_\_\_ \_ \_\_\_\_ \_\_\_ \_\_\_ \_\_\_

| |/ \_ \ |/ \_ \ '\_ \| '\_ \ / \_ \| '\_ \ / \_ \ | \_\_\_/| |/ \_` | '\_ \ \\_\_\_ \ / \_ \ '\_\_\ \ / / |/ \_\_/ \_ \

| | \_\_/ | \_\_/ |\_) | | | | (\_) | | | | \_\_/ | | | | (\_| | | | | \_\_\_\_) | \_\_/ | \ V /| | (\_| \_\_/

|\_|\\_\_\_|\_|\\_\_\_| .\_\_/|\_| |\_|\\_\_\_/|\_| |\_|\\_\_\_| |\_| |\_|\\_\_,\_|\_| |\_| |\_\_\_\_\_/ \\_\_\_|\_| \\_/ |\_|\\_\_\_\\_\_\_|

| |

|\_|

Exit: 0 | Login: 1 | Registration: 2

1

Please enter username: admin

Please enter password: admin

Login successful

login successful for admin

Logout: 0 | Show all plans: 1 | Display Shopping Cart: 2 | Show Order: 3 | Manager Action: 4

1

P001 : 4G Supreme Service plan - 80.0

P002 : 4G Anytime+ Service plan - 0.0

P003 : 4G Anytime Service plan - 75.0

P004 : 4G Easy Connect Service plans - 150.0

P005 : Local Voice Plan 300mins/Month - 0.0

P006 : Local Voice Plan 1200mins/Month - 0.0

P007 : Local Voice Plan 2300mins/Month - 0.0

Back: 0 | Filter: 1 | Enter plan id get details:

Logout: 0 | Show all plans: 1 | Display Shopping Cart: 2 | Show Order: 3 | Manager Action: 4

4

---------------------------------- Manager Action --------------------------------------------------------------

0: Exit | 1: Add service plan | 2: Update service plan | 3: Delete service plan | 4: Check user plan

4

User List:

jonh

Enter user name to check user service plan:

jonh

Plan Id:P001

Plan Type:1

Plan name:4G Supreme Service plan

Monthly fee:120.000000

Special monthly fee:80.000000

Months for special fee:[1, 3, 4]

Plan duration:24 months

Plan Id:P002

Plan Type:1

Plan name:4G Anytime+ Service plan

Monthly fee:108.000000

Special monthly fee:0.000000

Months for special fee:[]

Plan duration:12 months

Plan Id:P005

Plan Type:3

Plan name:Local Voice Plan 300mins/Month

Monthly fee:16.000000

Special monthly fee:0.000000

Months for special fee:[]

Plan duration:24 months

Versions and bug fixing in different version:

v1.0.0 - initial project

v1.1.0 - modularize project

v1.2.0 - release login, registration function

v1.3.0 - release shopping cart function, show all plan function

v1,4,0 - release display cart function, show order function

v1.5.0 - release manage function

v1.6.0 - login role checking bug fix

v1.7.0 - plan data import bug fix

v1.8.0 - plan filter bug fix

v1.9.0 - manager add plan command error handle

v.2.0.0 - shopping cart checkout bug fix

V2.1.0 - release full function application