**Usability Test Plan**

**Test Product**

Name:

JohnDeere game( a Web-based forestry game)

Test part:

1.User information:Log in, Sign up, Profile, Edit profile, Log out

2.Setting : Language Change

3.Map :Map selection, Map Edit, Map Information

4.Game: Track moving, Load, Unload ,Log Data (number,color), Log storage

5.Game Data:Time,Distance, Round

6.Report

7.Accessibility: Tutorial

**Test Purpose**

1.User information:

Can user log in successfully or not.

Can user sign up successfully or not.

Can user view his profile or not.

Can user edit his profile successfully or not.

Can user log out successfully or not.

2.Setting :

Can user change system language or not.

Is the system language consistent with the language user set or not.

3.Map :

Can user select map and game map is the one user select or not.

Can edit map or not.

Map Information is right or not .

4.Game:

Can track moving forward and backward successfully or not.

Can track load and unload log or not.

After picking up the log, the number of the log changes correctly or not ,

After unloading logs, storage area changes correctly or not.

5.Game Data:

After track moving, data of time,distance, and round will change correctly or not.

6.Report

Can user view his history game report and current game report or not.

Is report data correct or not.

7.Accessibility:

The tutorial is easy to understand for users or not.

**Schedule & Location**

We are planning to conduct 5 tests every day and last 10 days.

Each test will last 20 minutes

Test session will start from 1st December.

In the first 10 mins , the user can play the game freely and no task they will get for us.

In the later 10 mins, we will give users 10 tasks to complete and we will do time record and user operation record.

**Participant**

Participants are mainly from students of TAMK.Their major has much relationship with forest and they are the main users in the future when our product goes to the market.

**Equipment**

We conduct test on user’s own computer and the computer is required Windows.

**Feedback**

We will get feedback from participant about:

1.If there are some parts or functions make them confused and why they are confused about these.

2.Some suggestions they will give.