Introduction

- Dementia problem is serious nowadays
- Games applications are getting more common
- Games application can ease the problem

Project Aim

- Write games application mainly for elderly
- Ease the dementia problem
- Improve dementia patients life

Hardware

- Tablet

Software

- Java Programming (for android)

Games Design

Find Difference (Attending Training)

In this game, players will see two similar pictures and they need to find 5 differences among these two pictures.

Grouping (Memory Training)

In this game, players will have to find 2 numbers from the table such that the sum of two numbers are 10.

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<td>5</td>
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Results

Games application

Each game has 3 rounds and players will score for each correct point and there is a timer to record the time used. When all the games are finished, a dialog box comes out and the players need to enter their information to the device. Name, Sex and age are needed. Then the information and the records of the player will be analyzed by professionals.

Accomplishments

As technology is getting advanced nowadays, we should use its advantages to benefit the society. In this project, we made a nice accomplishment. We have made good use of the smart devices and the elderly are the benefit group. The games we made can exercise their brain and memory sense in order to prevent them suffered from dementia. In addition, the games result can be studied by professionals to check if the player has dementia or not.