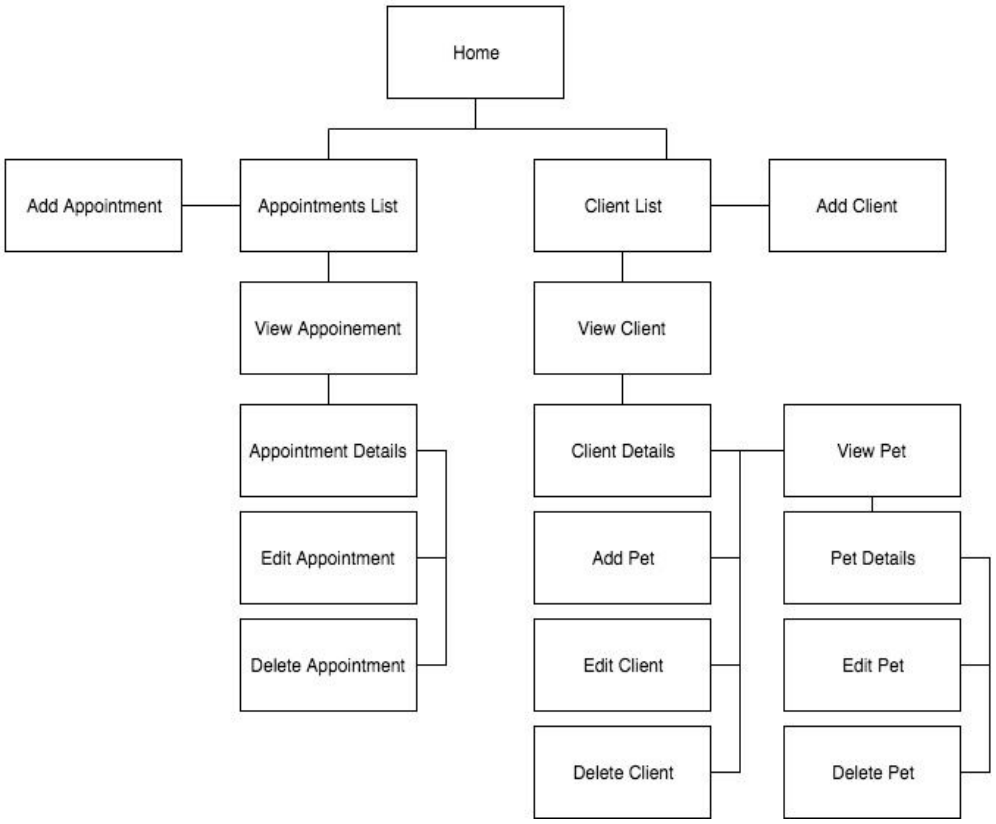
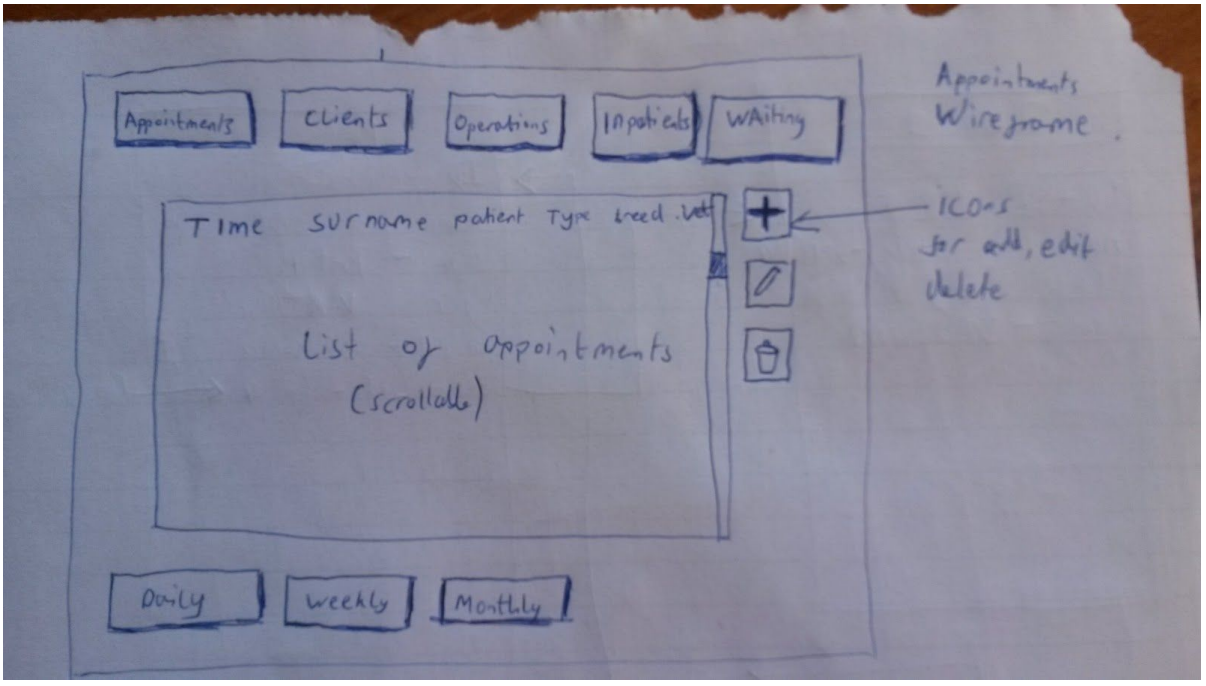
Chris Hunter - Project Unit(SQA PDA: Software Development)

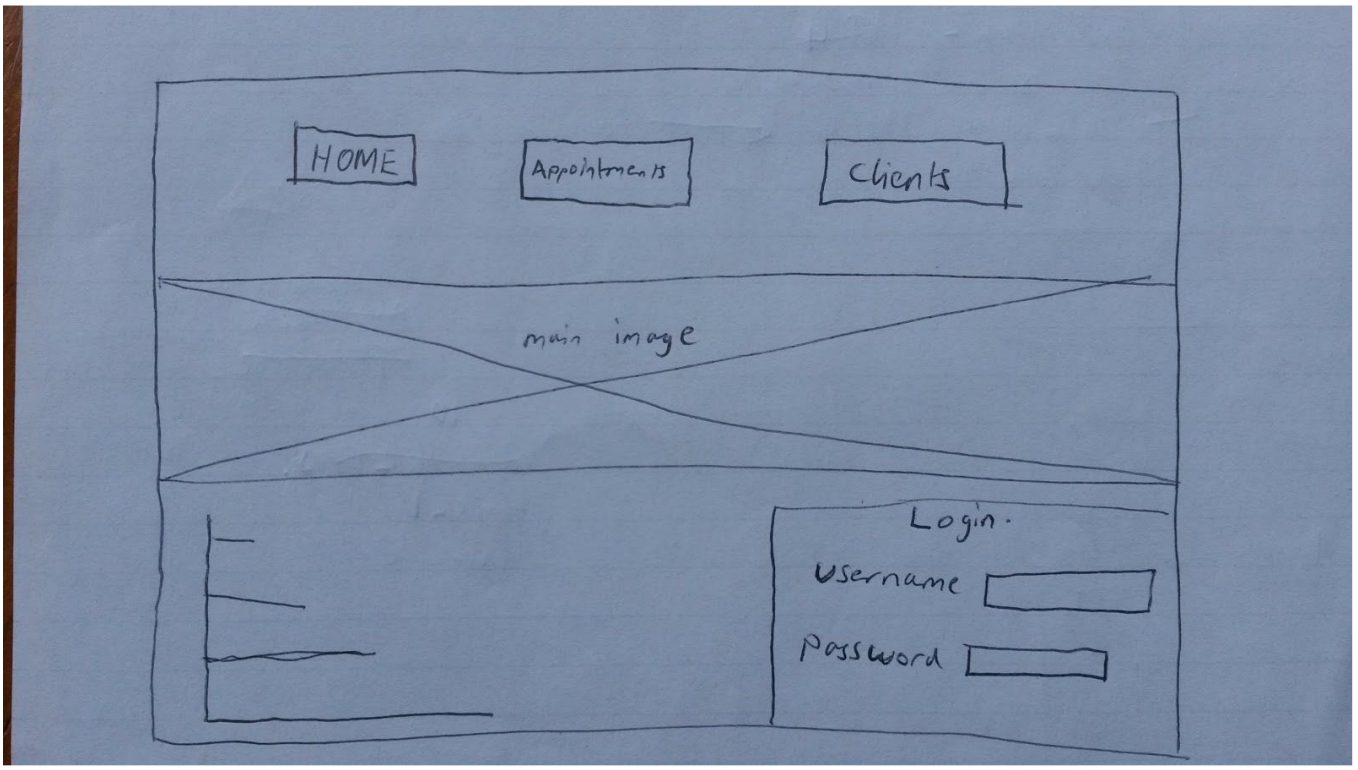
P 5. Site Map



P 6. (i) Wireframe



P 6. (ii) Wireframe



P 10. Pseudocode

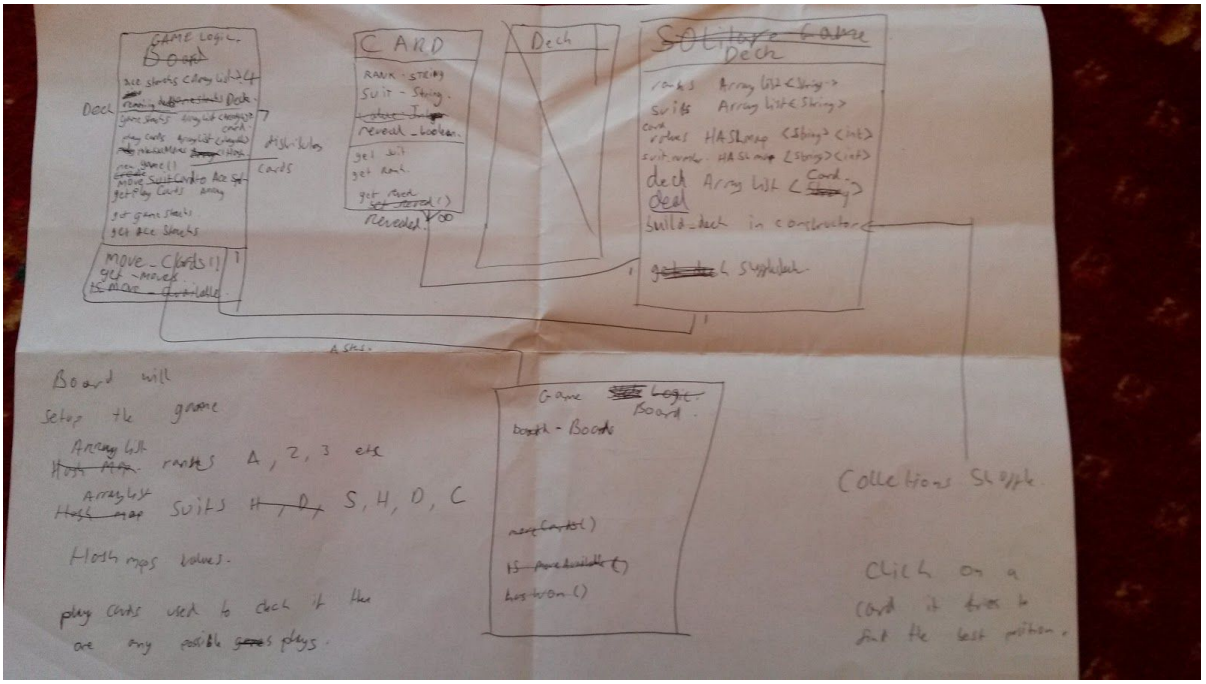
```
def 'get the time for an appoinement' ()
  # create a sql query to return the date for an appointment
  # create a database connection
  # query the database and save the result to a variable
  # create a time object using thesaved variable
  # close the database connection
  # return the time object
```

P 11 Screenshot of personal project and GitHub Link:
(https://github.com/Orkem/CC_Solitare)

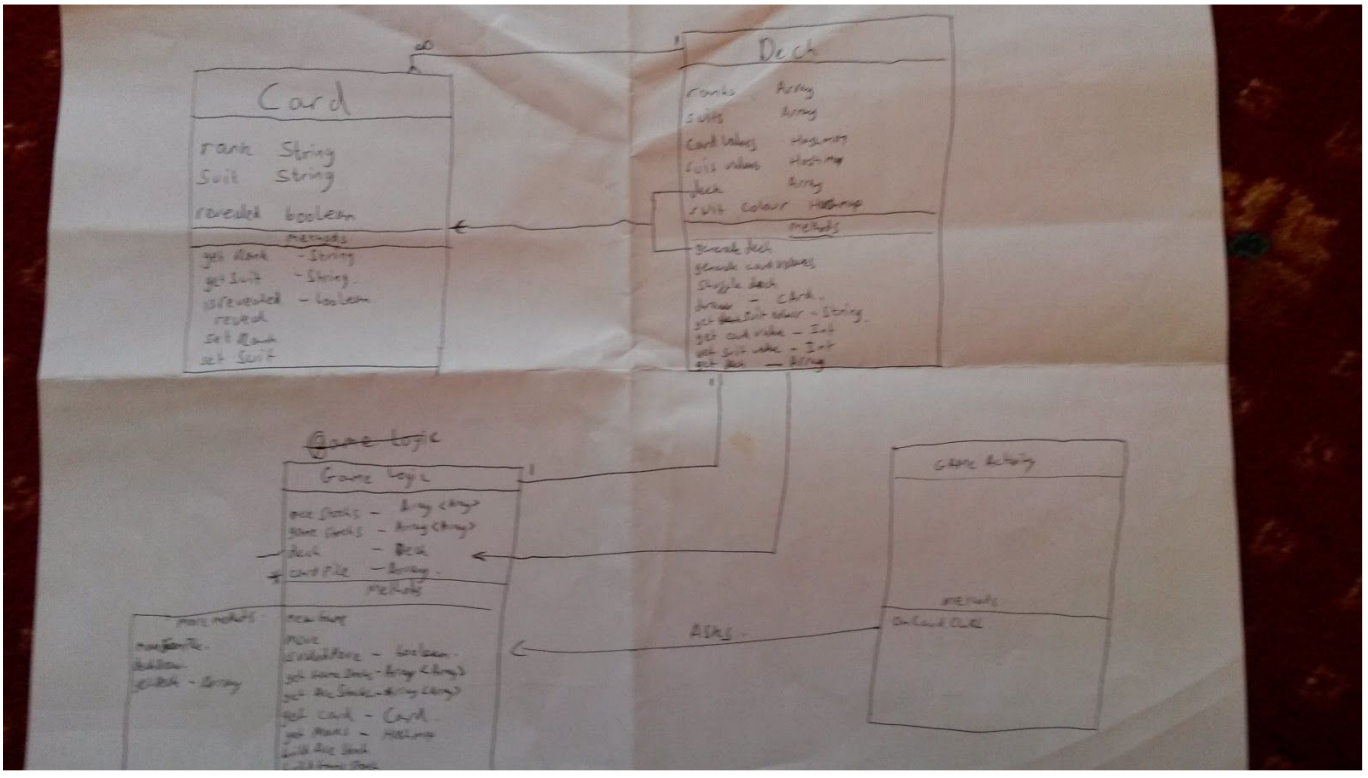
```java
package com.codeclan.solitare;

import ...

/**...*/

public class GameLogic {
    private ArrayList<ArrayList<Card>> aceStacks;
    private ArrayList<ArrayList<Card>> gameStacks;
    private Deck deck;
    private ArrayList<Card> pile;
    private boolean isWon;

    public GameLogic(){
        this.deck = new Deck();
        this.gameStacks = new ArrayList<>();
        this.aceStacks = new ArrayList<>();
        this.pile = new ArrayList<>();
        this.isWon = false;
    }

    private void  buildAceStack(){
        for(int i=0; i <4; i++){
            aceStacks.add(new ArrayList<Card>());
        }
    }

    private void buildGameStack(){...}

    public ArrayList<ArrayList<Card>> getGameStacks() { return gameStacks; }

    public ArrayList<ArrayList<Card>> getAceStacks() { return aceStacks; }

    public String getColour(Card card) { return deck.getSuitColour(card); }
    public Card getCard(int stack, int stackItem){...}

```

P 12 Pictures/Screenshots of different planning stages to show development

Class Diagram initial design

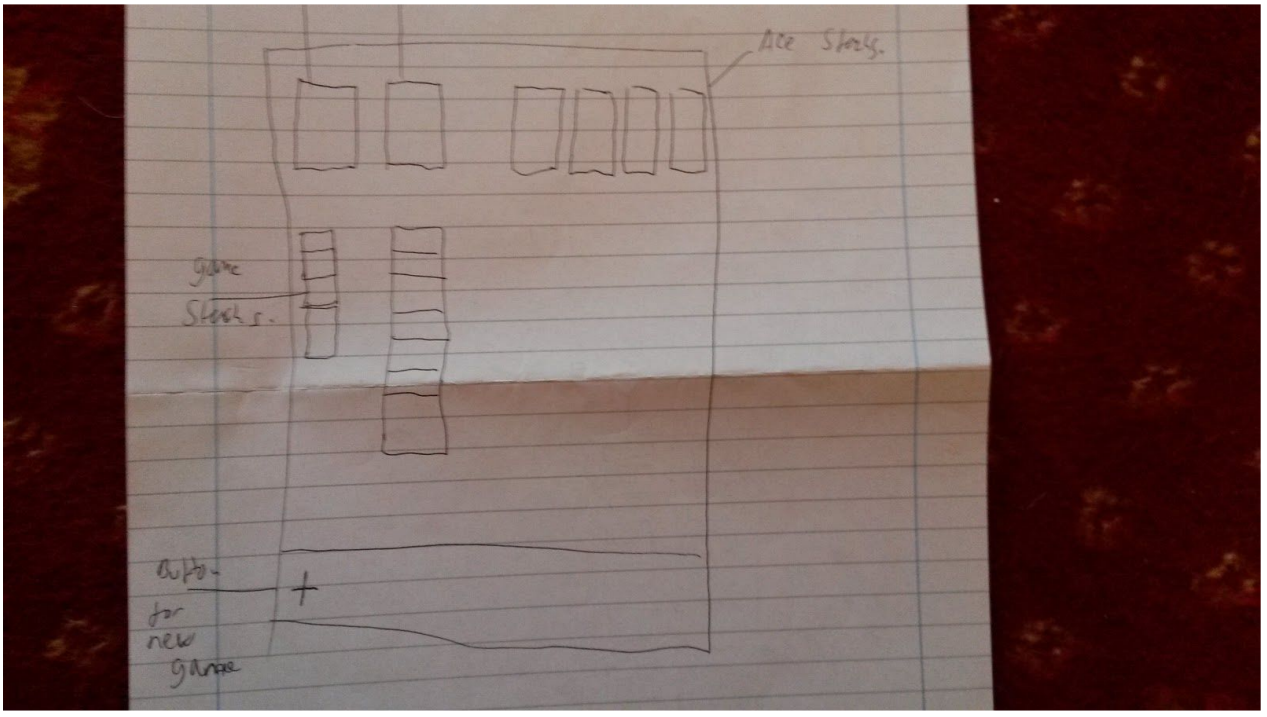


Class Diagram after

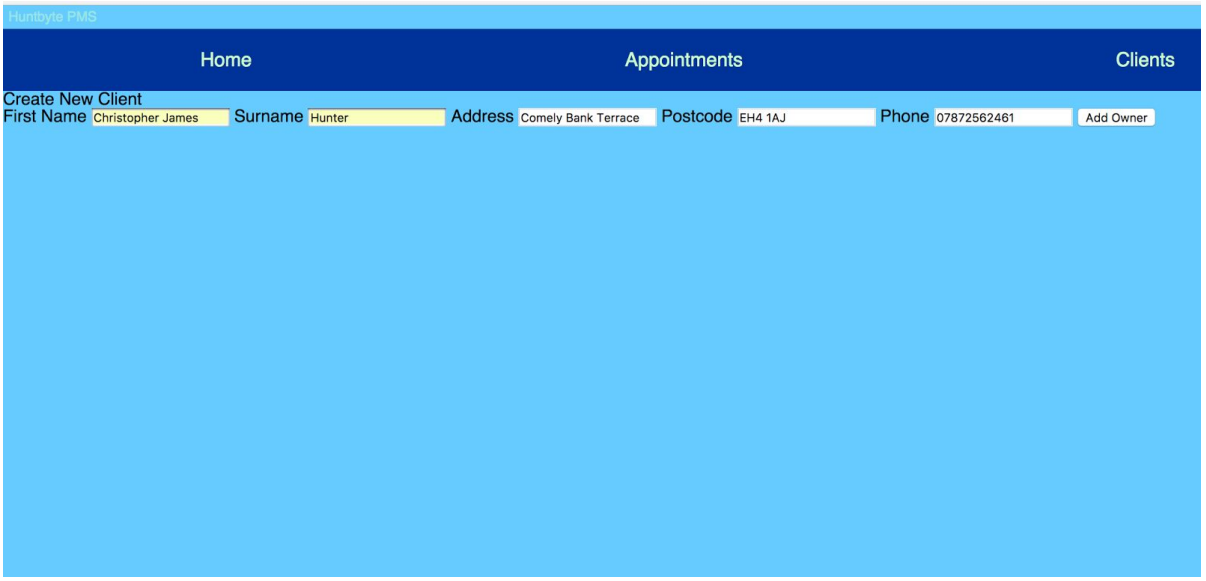


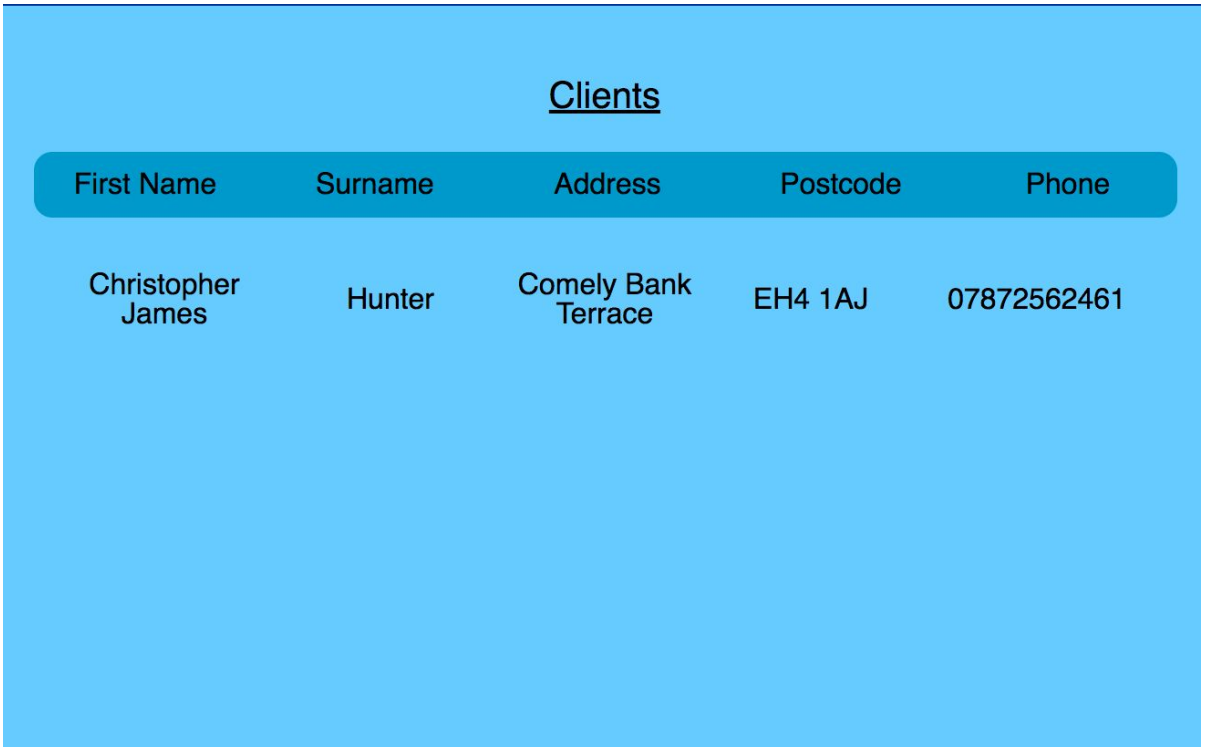
WireFrame of GameActivity initial design

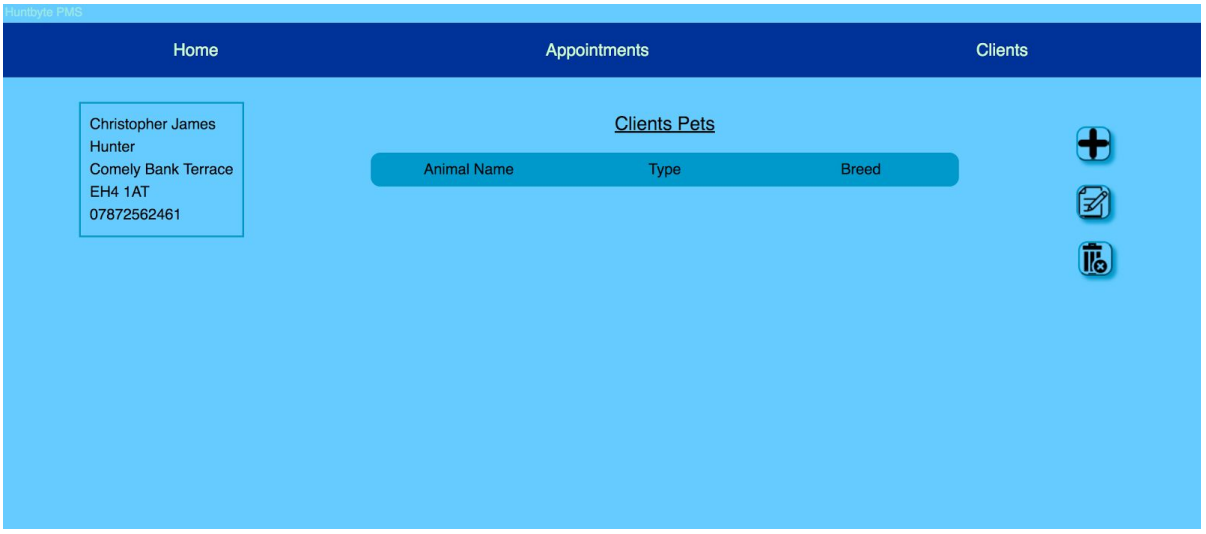
WireFrame of GameActivity After



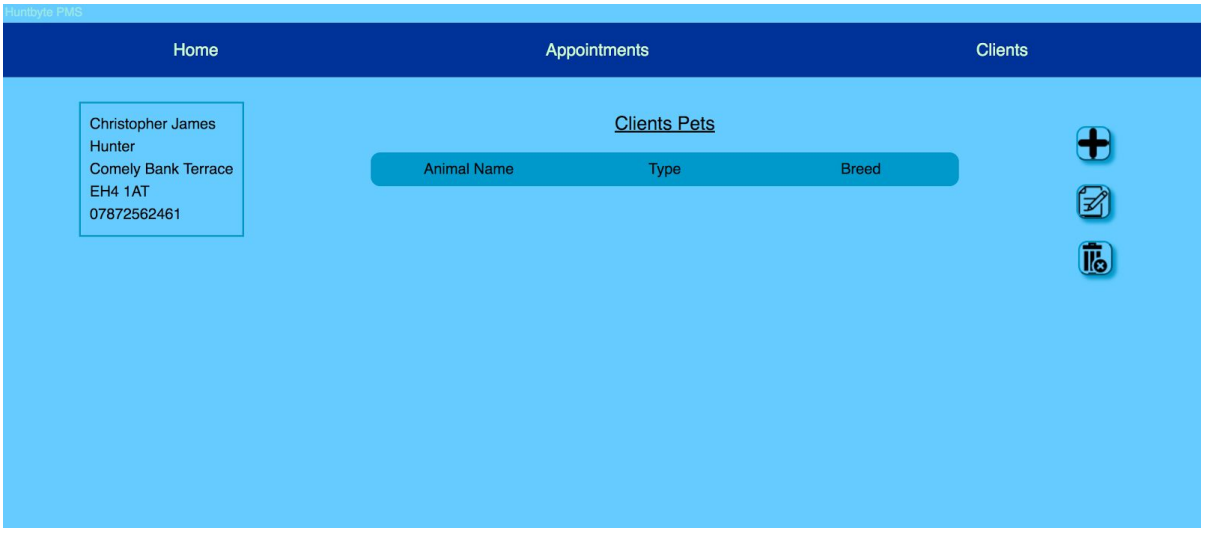
P 13. User input being processed according to design requirements.

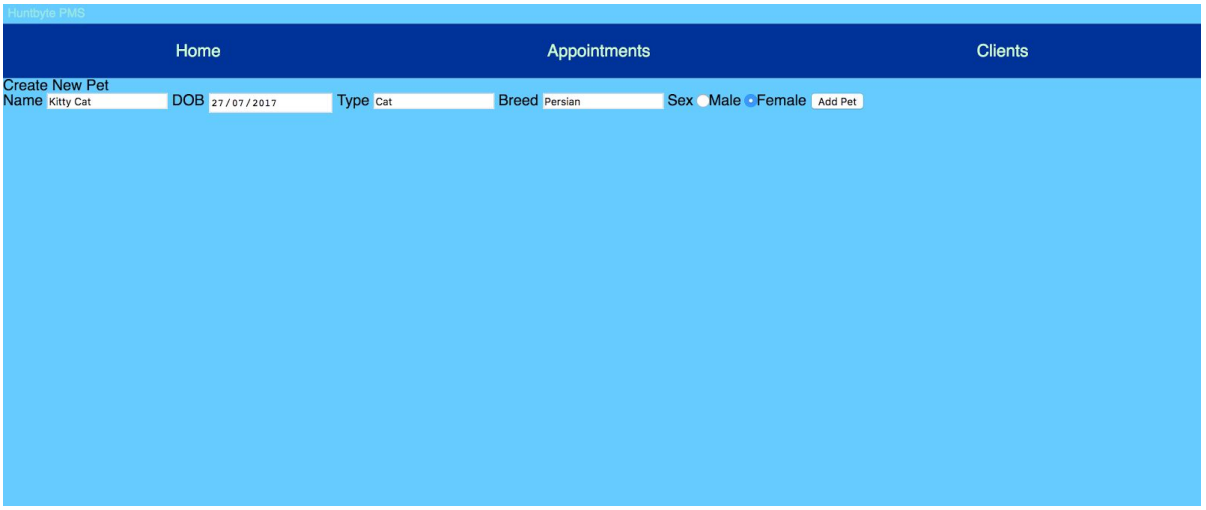

Huntbyte PMS
Home
Appointments
Clients
Create New Client
First Name Christopher James
Surname Hunter
Address Comely Bank Terrace
Postcode EH4 1AJ
Phone 07872562461
Add Owner

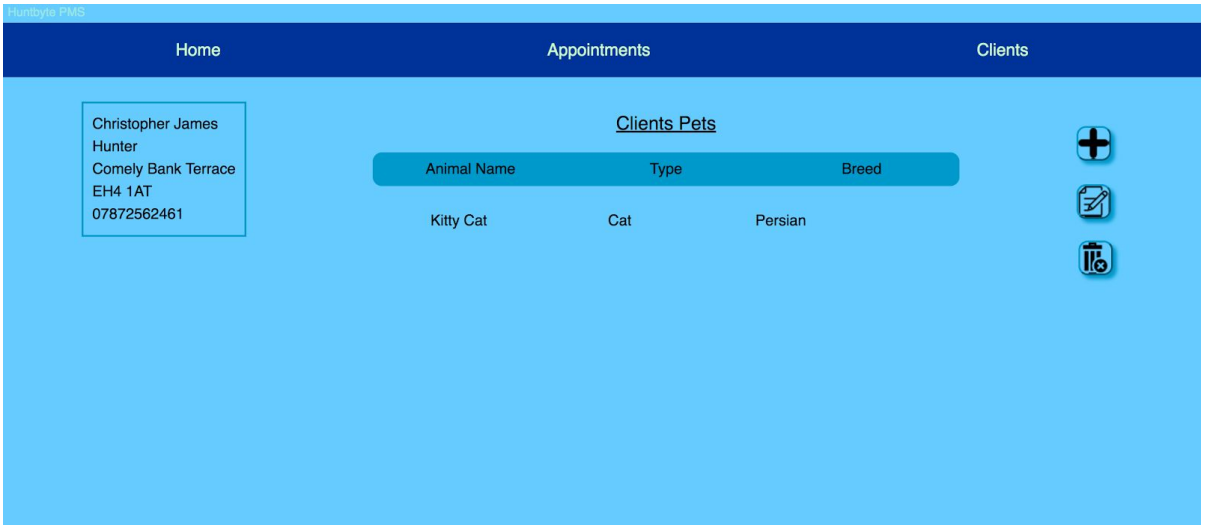

Clients
First Name
Surname
Address
Postcode
Phone
Christopher James
Hunter
Comely Bank Terrace
EH4 1AJ
07872562461



P 14. Data persistence







P 15. Output of results and feedback to user

Huntbyte PMS

Home | Appointments | Clients

Christopher James
Hunter
Comely Bank Terrace
EH4 1AT
07872562461

Clients Pets

Animal Name	Type	Breed