

Assignment Cover Letter

(Individual Assignment)

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Course Code: COMP 6699 Course Name:

Object Oriented Programming

Class: L2BC Name of Lecturer

:

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Major: Computer Science

Title of Assignment : Something Fishy

Type of Assignment: Final Project

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Ardelia Shaula Araminta

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I) Introduction

It was a bit overwhelming in my second semester of Computer Science at BINUS International, and I spent most of my days learning and remembering topics given in class, but it's intriguing to recollect some of the lessons I've learned, even though I've studied Java. We were given a final project assignment at the end of the semester where students could explore and design their own program with specific requirements. Because I had so many ideas in my head, including learning JAVA Swing as my GUI, but due to the workload and time constraints, I prioritized and maximized the minimal criteria that needed to be met first. In the end, I decided to create an Aquatic Pet Clinic System called Something Fishy.

The project officially started on 21st May 2021. IntelliJ was chosen as my IDE for this project. Also, as this project's nature is open source, my initial commit was uploaded to my GitHub account, https://github.com/ardeliaraminta/OOPFinalProject/tree/main/src/oopfinal

Project Specification

There are many pet clinics to choose from, however I believe it is uncommon to locate facilities that accept ocean species such as sharks and whales. I chose this because I've always been interested in marine life, and sharks are my favorite animal. In this clinic, customers may check available schedules, register their pets, and make clinic appointments at Something Fishy, which means it allows both staff and customers to sign up and login. Staff, on the other hand, can manage their own profiles, appointments, and approvals or rejections of appointments. I believe this project has covered all the minimum requirements.

More specifications of the project:

Project Aim and purpose:

To create a fully functional clinic system that can be accessed by both customers and staff.

Project Audience:

Anyone interested in understanding how OOP works in Java, how to utilize Java File Handling (read and write files using java.io), and how to develop a basic yet complicated program, as well as those who are interested in marine life.

Project Requirements:

- Sign up and Login for Customer and Staff
- Approve and Decline Appointment (Staff)
- Manage staff profile (Staff)
- Book appointment and Schedule available (Customer)
- View Profile and Add new pet (Customer)

II) Solution Design

Main Window Menu (Main):

To select if the user is a member of the staff or a customer. Then they'll be directed to a page for either customers or employees. After that, you may choose to sign up as a new user or login if you've already registered.

Customer:

Menu (MainCostumer):

Choice of Login and Signup

Menu

- 1) Clinic Schedule
- 2) Add New Appointment
- 3) View Profile
- 4) Add Pet Data
- 1) Clinic Schedule: To see the schedule availability based on time and doctors available.

The customer is able to see the schedule and book appointment based on that.

- 2) View Appointment: To check the details of the appointment (Pet owner and pet details)
- 3) Add New Appointment: Appoint and book new appointment
- 4) View Profile: view costumer details
- 5) Add Pet Data: register a new pet (new to the clinic)

Staff:

- Menu (MainStaff):

Choice of Login and Sign up

- Sign up:

Entry: Username, Password, Email, Phone Number and Home Address

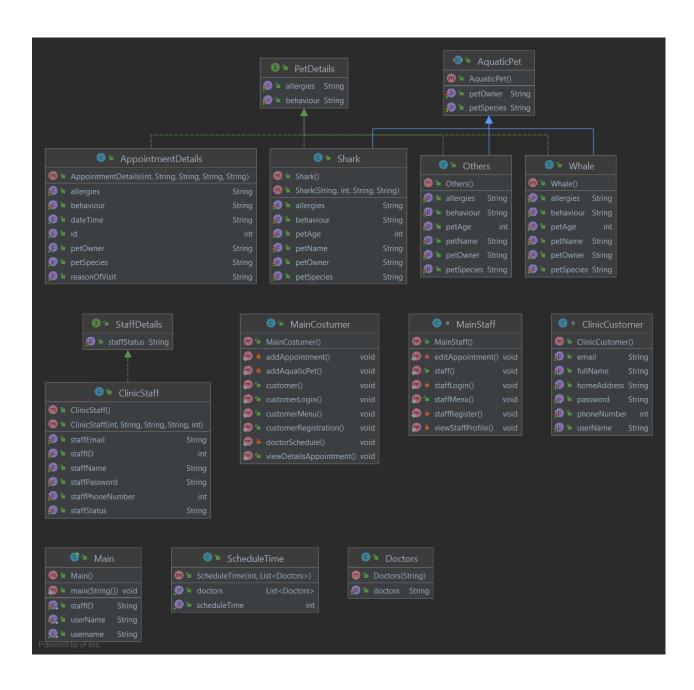
- Login:

For Customer: Entry of their username and password.

Menu

- 1) View User Profile
- 2) Cancel or Approve Appointment

III UML DIAGRAM



IV) Solution Code

Interfaces

```
public interface PetDetails {

/**

* @param behaviour

*/

void setBehaviour(String behaviour);
String getBehaviour();

/**

* @param allergies

*/

void setAllergies(String allergies);
String getAllergies();
}
```

<<interface>>

PetDetails

This particular interface has setter and getter for extra information of the animals such as behavior and allergies. This interface is used by, Whale, Shark, Others and Appointment Details classes.

```
package oopfinal;

public interface StaffDetails {
    void setStaffStatus(String status);
    String getStaffStatus();
}
```

<<interface>>

StaffDetails

This is another interface consisting getter setter for extra information of the staff whether or not they're working fulltime or part time.

1) Abstract Class

```
package oopfinal;

public abstract class AquaticPet {
    protected String behaviour;
    protected String allergies;
    String petOwner;
    String petSpecies;
```

```
// constructor
public AquaticPet() {}

// getter & setter

public abstract void setPetOwner(String petOwner);

public abstract void setPetSpecies(String petSpecies);

public abstract String getPetOwner();
public abstract String getPetSpecies();

}
```

Abstract class: AquaticPet is the parent class as its getters setters are inherited to Whale, Shark, Others. It contains getter and setters of the pet owner and pet species.

AppointmentDetails implements Pet Details

```
public AppointmentDetails(int i, String own, String spec, String reason,
public int getId(){
public String getPetOwner() {
public String getPetSpecies() {
```

```
public String getReasonOfVisit() {
    return reasonOfVisit;
}

public String getDateTime() {
    return dateTime;
}

@Override
public void setBehaviour(String behaviour) {
    this.behaviour = behaviour;
}

@Override
public String getBehaviour() {
    return behaviour;
}

@Override
public void setAllergies(String allergies) {
    this.allergies = allergies;
}

@Override
public String getAllergies() {
    return allergies;
}
```

Clinic Staff: Class with details of staff

```
package oopfinal;

public class ClinicStaff implements StaffDetails {
    private String StaffName;
    private String StaffEmail;
    private String StaffPassword;
    private int StaffID;
    private int StaffPhoneNumber;
    private String status;

    public ClinicStaff() {
    }

    public ClinicStaff(int id, String name, String mail, String pass, int
    phone) {
        StaffID = id;
        StaffDassword = pass;
    }
}
```

```
public void setStaffEmail(String sEmail) {
   StaffEmail = sEmail;
   StaffPassword = sPassword;
public void setStaffPhoneNumber(int phone) {
public int getStaffID() {
public void setStaffStatus(String status) {
```

ClinicCustomer: Class with the details of the customer

```
public ClinicCustomer(){
public void setPassword(String pwd) {
public void setEmail(String mail) {
public String getPassword() {
public String getEmail(){
```

```
public int getPhoneNumber() {
    return phoneNumber;
}

public String getHomeAddress() {
    return homeAddress;
}

public AquaticPet getPets() {
    return pets;
}
```

Doctors

```
package oopfinal;

public class Doctors {
    public String doctor;

    public Doctors(String docs) {
        doctor = docs;
    }

    public void setDoctors(String doctor) {
        this.doctor = doctor;
    }

    public String getDoctors() {
        return doctor;
    }
}
```

MainCostumer

This class is for only the customer to access.

Register and login into their account. First, they are asked to choose whether they want to login with their existing account or to register.

```
package oopfinal;
import java.io.*;
import java.util.ArrayList;
import java.util.Arrays;
import java.util.List;
import java.util.Scanner;
```

```
Scanner in = new Scanner(System.in);
oublic static void customerLogin() {
       while ((line = br.readLine()) != null) {
```

CustomerLogin ()

The application will read the text file containing the username and password in CustomerLogin (). Then it checks if the text file is empty, if it isn't, it enters a while loop to read the text file line by line, and if the line matches the username and password entered by the user on the command line (it returns true), it goes to the customerMenu (), otherwise if its false, it will say that that password it exits the loop.

```
// if the password is false
  if (!validation) {
      System.out.println("Password entered is wrong. ");
  }
  br.close();
}
// if the data not found
catch (IOException ex) {
   System.out.println("File Not Found");
}
```

Customer Registration ()

This method allows the user to register their new data into the text file, using **BufferedWriter** that allows to write text to a character-output stream, buffering characters so as to provide for the efficient writing of single characters, arrays, and strings. In this case, the data of the new customer. I created an if else statement, to check if there is no existing text file it will create a new one to store the data, if there is then it will be written there. Then, the user can fill their data for the registration such as Username, password, email, phone number, address, and then write the text file with the entries.

Bw.close () -> to close the BufferedWriter initialize previously

```
// enter data of the customer
System.out.println("Enter your user name: ");
customer.setUserName(sc.nextLine());
// password
System.out.println("Password: ");
customer.setPassword(sc.nextLine());
// fullname
System.out.println("Full name:");
customer.setFullName(sc.nextLine());
// email
System.out.println("Email:");
customer.setEmail(sc.nextLine());
System.out.println("Enter your phone number: ");
// phone number
customer.setPhoneNumber(Integer.parseInt(sc.nextLine()));
//address
System.out.println("Enter your address: ");
customer.setHomeAddress(sc.nextLine());

// write in text file the above entries
custBW.write(customer.getUserName() + "\t" + customer.getPassword() +
"\t" + customer.getPullName() + "\t" + customer.getEmail() + "\t" + customer.getPhoneNumber() + "\t" + customer.getPhoneAddress() + "\t");
logBW.write(customer.getUserName() + "\t" + customer.getPassword());

custBW.close();
logBW.close();
System.out.println("\n Done \n");
} catch (IOException e) {
System.out.println("An error occurred.");
e.printStackTrace();
}
}
```

```
System.out.println(" 2) View Appointment");
System.out.println(" 3) Add New Appointment");
System.out.println(" 4) Add Pet Data");

System.out.println();
System.out.print("Enter Choice : ");
int options = sc.nextInt();

switch (options) {
    case 1 -> doctorSchedule(); // see available doctors
    case 2 -> viewDetailsAppointment(); // details of appointment
    case 3 -> addAppointment(); // add new appointment
    case 4 -> addAquaticPet(); // register new customer pet
    default -> {
        System.out.println(" Invalid choice ");
        MainStaff.staff();
    }
}
```

CustomerMenu ()

This is the menu that the user will encounter after registering and login to their account, so it is personalized for them to choose the service they need which in this case there are four; to be able to see the doctor schedule that are available on certain time, view the details appointment whether it is approved or not by the clinic, create a new appointment as well as registering their new pet or unregistered pet.

```
private static void doctorSchedule() throws IOException {
    // create an instance of the doctors
    Doctors doctor1 = new Doctors("Dr.Killjoy");
    Doctors doctor2 = new Doctors("Dr.Sage");
    Doctors doctor3 = new Doctors("Dr.Reyna");

    // make an arraylist of doctors available at certain time for checkup schedule
    List<Doctors> doctor1000 = new ArrayList<>(Arrays.asList(doctor3, doctor2, doctor2, doctor1, doctor1, doctor3));
    List<Doctors> doctor1100 = new ArrayList<>(Arrays.asList(doctor1, doctor1, doctor1, doctor2, doctor2, doctor2, doctor2, doctor1, doctor1));
    List<Doctors> doctor1300 = new ArrayList<>(Arrays.asList(doctor3, doctor2, doctor2, doctor1, doctor1, doctor2));
    List<Doctors> doctor1600 = new ArrayList<>(Arrays.asList(doctor2, doctor2, doctor3, doctor1, doctor2));
    List<Doctors> doctor1800 = new ArrayList<>(Arrays.asList(doctor2, doctor3, doctor3, doctor1, doctor2));
    List<Doctors> doctor1000 = new ArrayList<>(Arrays.asList(doctor2, doctor3, doctor2, doctor1, doctor1, doctor2));
    List<Doctors> doctor2000 = new ArrayList<>(Arrays.asList(doctor3, doctor2, doctor2, doctor3, doctor1, doctor2));
    List<Doctors> doctor2000 = new ArrayList<>(Arrays.asList(doctor2, doctor2, doctor3, doctor1, doctor1);
```

Doctors Schedule ()

```
List<Doctors> doctor1000 = new ArrayList<>(Arrays.asList(doctor3,
doctor2, doctor1, doctor1, doctor3));
```

This essentially takes a list of doctors and makes a replica of it because Array List is initialized with a size, it grows in size automatically when new elements are added to it. However, the size can expand if the collection grows or shrink if objects are removed from the collection. For instance, if we want to add a new doctor, all we have to do is initialize:

Doctors doctor4 = new Doctors("Dr.Phoenix")

This will create an ArrayList of schedule from the existing list. This will be implemented to show the schedule time table along with available doctor (Make an Arraylist of time).

```
System.out.println("\t\t Schedule Timetable");
System.out.println();
System.out.println();
System.out.println("Time:\t |Monday\t |Tuesday\t |Wednesday\t |Thursday\t |Friday\t |Saturday\t |Sunday");

for (ScheduleTime scheduleTime : time) {
    StringBuilder line = new StringBuilder();
    // for loop for the schedule time: obtain doctors available on that
specific time and display on the days
    for (int j = 0; j < scheduleTime.getDoctors().size(); j++) {
        if (j != (scheduleTime.getDoctors().size() - 1)) {

        line.append(scheduleTime.getDoctors().get(j).getDoctors()).append("\t |");
        } else {
            line.append(scheduleTime.getDoctors().get(j).getDoctors());
        }
}</pre>
```

Display the Schedule of the Available Appointment String Builder - > append methods

For loop for the schedule time: to obtain doctors available on that specific time and displays on the days. This can be done by appending the time and the dr. (name) based on the Arraylist created before. After that, the customer can choose other services after seeing the available schedule for appointment.

addAppointment ()

This method allows the program to create a new text file or read the existing the text file to write the details of the appointment. if there is no file to be overwritten then make a new file else add a new line or create a new line.

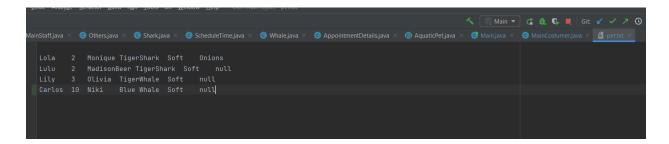
```
// read the pet.txt file to get information and details of the pet
String line = "invalid";
```

```
String petName = "invalid";
String petAllergies = "invalid";
String petSpecies = "invalid";
BufferedReader br = new BufferedReader(new FileReader("pet.txt"));
```

To decrease redundancy of data entered and increase efficiency, the customer doesn't have to enter the pet details all over again such as pet name, species or allergies but instead take the information from pet.txt.

```
// while the line is not empty and it contains the username, split each of
words and
// according to the index assign the species and pet name
while ((line = br.readLine()) != null) {
   if (line.contains(Main.getUsername())) {
      String[] text = line.split("\t");
```

This particular while loop allows the program to read per lines and split the words one by one so that the pet information can be accessed based on their index. In this case, looking from the text file as shown below:

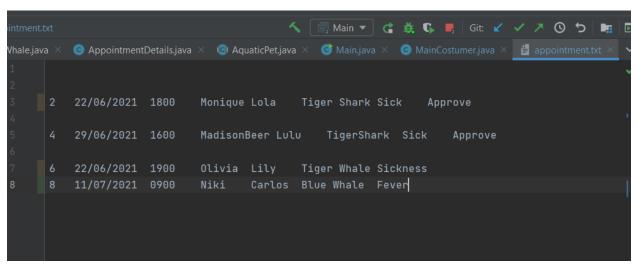


Pet Name is on [0], Pet species is on the [3] index, and allergies [5] index

For example: Lola -> Name, Tiger Shark -> Species and Lola is allergic to onions.

The values can then be assigned to the text file. As a result, the customer only needs to input their appointment date, time, and the reason why their pet is being admitted at the clinic. The rest will be produced automatically.

```
String date = scan.nextLine();
       String name = Main.getUsername();
oublic static void viewDetailsAppointment() {
       Scanner myReader = new Scanner(new File("appointment.txt"));
       if (myReader.hasNextLine()) {
           System.out.println("ID\tPet Name\tDate\t\t\tTime\t\tPet
           if (data.contains(Main.getUsername())) {
```



ViewDetaisAppointment ()

Like previously implemented, I initiate a text file reader that will be able to read the text file and print out the appointment details from the appountment.txt and whether it is approved or not by the staff. To print out each of the details, the words are split and can be accessed by their indexes.

Note: In every class method, I used to try catch for error handling.

Add AquaticPet ()

This method is for the customer to register, write and add new unregistered pet to the clinic, I also use if-else statement to check whether there is a need to create a new text file or not.

The user can choose default pet species, which is the common pets to be admitted which are sharks and whales or they have different type user can choose others.

```
// choose pet species
System.out.println("Please choose yours pet species: ");
System.out.println("1) Whale");
System.out.println("2) Shark");
System.out.println("3) Others");

// choose 1/2/3
System.out.println();
System.out.print("Enter Choice : ");
int opt = scan.nextInt();
scan.nextLine();
```

After they choose, the program will go into a switch case statement. Each case statement will go into the specific species they choose and create a new instance of the species, which then will be stored into a text file of pet.txt.

```
// switch statement for the selected pet species
//write in text file the details
//case 3 for other species -> Others
switch (opt) {
    case 1 -> {
        Whale whale = new Whale();
        System.out.println("Enter your Pet name: ");
        whale.setPetName(scan.nextLine());
        System.out.println("Enter your Pet age: ");
        whale.setPetAge(Integer.parseInt(scan.nextLine()));
        whale.setPetOwner(Main.getUsername());
        System.out.println("Enter your Pet species: ");
        whale.setPetSpecies(scan.nextLine() + " Whale");
        System.out.println("Pet Behaviour; Aggressive/ Soft ");
        whale.setBehaviour(scan.nextLine());
        System.out.println("Any particular allergies: ");
        whale.setAllergies(scan.nextLine());
        petBW.write(whale.getPetName() + "\t" + whale.getPetAge()
+ "\t" + whale.getPetOwner() + "\t" + whale.getPetSpecies() + "\t" +
whale.getBehaviour() + "\t" + whale.getAllergies());
    }
    case 2 -> {
        Shark shark = new Shark();
        System.out.println("Enter your Pet name: ");
        shark.setPetName(scan.nextLine());
        System.out.println("Enter your Pet age: ");
        shark.setPetAge(Integer.parseInt(scan.nextLine()));
        shark.setPetOwner(Main.getUsername());
        System.out.println("Enter your Pet species: ");
```

```
shark.setBehaviour(scan.nextLine());
                   petBW.write(shark.getPetName() + "\t" + shark.getPetAge()
+ "\t" + shark.getPetOwner() + "\t" + shark.getPetSpecies() + "\t" +
                   other.setPetName(scan.nextLine());
                   other.setAllergies(scan.nextLine());
                   petBW.write(other.getPetName() + "\t" + other.getPetAge()
```

Why do I do this?

So that the user can automatically generate the species without the need to worry whether they enter wrong information or pet species. After they're done, the user will be directed to the customer menu in which they can add new appointment or do other services available.

Clinic Staff

```
package oopfinal;
import java.io.*;
import java.util.Scanner;
```

```
//new staff register
private static void staffRegister() {
    try {
        // create a file for the details of teh staff and staff verification
        Scanner scan = new Scanner(System.in);
        File staff = new File("staff.txt");
        File custlog = new File("stafflog.txt");
        BufferedWriter staffBW = new BufferedWriter(new
FileWriter("staff.txt", true));
        BufferedWriter logbw = new BufferedWriter(new
FileWriter("staffLog.txt", true));
        ClinicStaff st = new ClinicStaff();

    if (staff.createNewFile()) {
        } else {
            togbw.newLine();
        }
        if (custlog.createNewFile()) {
        } else {
                logbw.newLine();
        }
        // enter staff details
            System.out.println("Enter your ID: ");
        st.setStaffID(Integer.parseInt(scan.nextLine()));
        System.out.println("Enter your Name: ");
        st.setStaffName(scan.nextLine());
        System.out.println("Enter your Email: ");
        st.setStaffEmail(scan.nextLine());
        System.out.println("Enter your Password: ");
    }
}
```

```
st.setStaffPassword(scan.nextLine());
    System.out.println("Enter your phone number: ");
    st.setStaffPhoneNumber(Integer.parseInt(scan.nextLine()));
    System.out.println("Status: Full-Time / Part-Time");
    st.setStaffStatus(scan.nextLine());

    // write in the txt
    staffBW.write(st.getStaffID() + "\t" + st.getStaffName() + "\t" +
st.getStaffEmail() + "\t" + st.getStaffPassword() + "\t" +
st.getStaffPhoneNumber() + "\t" + st.getStaffStatus());
    logbw.write(st.getStaffID() + "\t" + st.getStaffPassword());
    staffBW.close();
    logbw.close();

    System.out.println("\nSuccessfully wrote to the file.\n");
} catch (IOException e) {
    System.out.println("An error occurred.");
    e.printStackTrace();
}
```

StaffRegistration():

This class is similar with MainCostumer () for registration of new account. This will take the information from the staff and store it in a text file called staff.txt and staff.Log.

```
authenticated = true;
    Main.setStaffID(id);
    staffMenu();
}

//if either doesn't match
if (!authenticated) {
    System.out.println("Wrong Password");
}

br.close();
} catch (IOException ex) {
    System.out.println("File Not Found");
}
```

Staff Login ()

This program will read a file staffLog.txt for login verification, when the text file is not empty split text by tab and check if the first index = id entered or registered and second index = password, if the data matched it will then proceed to open staff menu. If it doesn't it will say "Wrong Password".

Staff Menu ()

In the Staff Menu (), the user can choose to view the staff profile or cancel or approve appointment.

```
private static void editAppointment() {
   try {
```

```
StringBuilder buffer = new StringBuilder();
       buffer.append(data).append("\t").append(status);
       buffer.append("\n");
output.write(buffer.toString().getBytes());
```

edit Appointment ()

This program allows to read the appointment.txt and split the data by tabs so they can be accessed per index. if the text file consists of 7 words it allows the staff to decline or accept the appointment, to check if the data required is available. This can be achieved by opening the appointment.txt and append the text (Approve / Reject) as the 7th index value so when the customer opens the appointment, they can see whether the clinic approves or decline their booking requests. If the data is not equal to 7 words, it won't be able to do anything with the data.

```
// to see the details of the staff
private static void viewStaffProfile() {
   try {
      // to obtain the data
```

```
pwd.append("*");
              System.out.println("Email\t\t: " + staff.getStaffEmail());
staff.getStaffPhoneNumber());
            myReader.close();
```

Public Class Others extends AquaticPet implements PetDetails

```
package oopfinal;

public class Others extends AquaticPet implements PetDetails {
    String petName;
    int petAge;

    public Others() {
      };

    public void setPetName(String petName) {
         this.petName = petName;
      }

    public void setPetAge(int petAge) {
         this.petAge = petAge;
    }
}
```

```
public int getPetAge() {
public void setPetSpecies(String petSpecies) {
public String getPetOwner() {
public String getPetSpecies() {
public String getBehaviour() {
public void setAllergies(String allergies) {
public String getAllergies() {
```

Public class Schedule Time

```
package oopfinal;
import java.util.List;

public class ScheduleTime {
    private int availTime;
    List<Doctors> doctors;

    public ScheduleTime(int time, List<Doctors> doc) {
        availTime = time;
        doctors = doc;
    }

    public int getScheduleTime() {
        return availTime;
    }

    public List<Doctors> getDoctors() {
        return doctors;
    }
}
```

Public class Shark extends AquaticPet implements PetDetails

```
package oopfinal;
public class Shark extends AquaticPet implements PetDetails{
    String petName;
    int petAge;

    public Shark(){
    };

    // construct Shark
    public Shark(String petName, int petAge, String pOwner, String pSpec ){
        super.petOwner = pOwner;
        super.petSpecies = pSpec;
        this.petName = petName;
        this.petAge = petAge;
    }

    public void setPetName(String petName){
        this.petName = petName;
    }

    public void setPetAge(int petAge){
        this.petAge = petAge;
    }

    public String getPetName(){
        return petName;
    }

    public int getPetAge(){
```

```
public void setPetSpecies(String petSpecies) {
   this.petSpecies = petSpecies;
public String getPetOwner() {
public String getPetSpecies() {
public String getBehaviour() {
public void setAllergies(String allergies) {
public String getAllergies() {
```

```
public String getPetName() {
public void setPetOwner(String petOwner) {
public void setPetSpecies(String petSpecies) {
public String getPetOwner() {
public String getPetSpecies() {
public void setBehaviour(String behaviour) {
public String getBehaviour() {
public void setAllergies(String allergies) {
public String getAllergies() {
```

```
return allergies;
}
```

public class Others extends AquaticPet implements PetDetails

```
package oopfinal;
   public void setPetName(String petName) {
   public String getPetName(){
   public void setPetOwner(String petOwner) {
   public void setPetSpecies(String petSpecies) {
   public String getPetSpecies() {
```

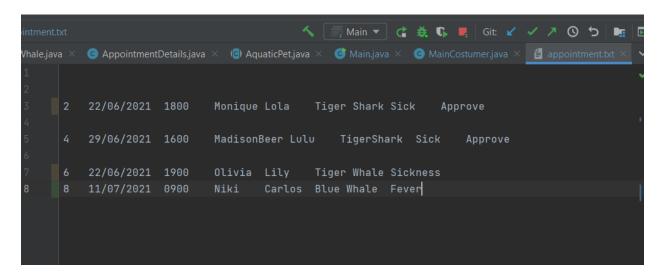
```
public void setBehaviour(String behaviour) {
    this.behaviour = behaviour;
}

@Override
public String getBehaviour() {
    return behaviour;
}

@Override
public void setAllergies(String allergies) {
    this.allergies = allergies;
}

@Override
public String getAllergies() {
    return allergies;
}
```

V) Example of Existing Text Files:



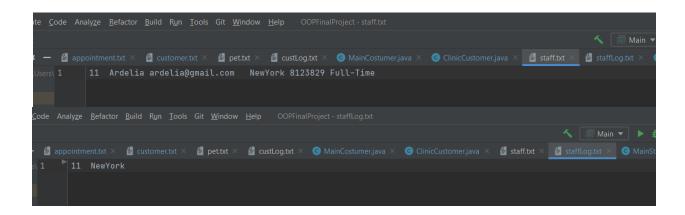
Appointment.txt

This is for the details of the appointment, both staff and customer can access this, staff can approve or reject the appointment, while customer can add new appointment and see whether the clinic reject or approve it.

```
appointment.txt ×  customer.txt ×  pet.txt ×  staff.txt ×  staffLog.txt ×  MainStaff.java ×  Monique unique Monique Senjaya monique.senjaya@gmail.com 362367 Jakarta MadisonBeer reckless Madison Beer madison@gmailc.com 12445 New York Olivia sour Olivia Rodrigo olivia.sour@gmail.com 1343 Malibu
```

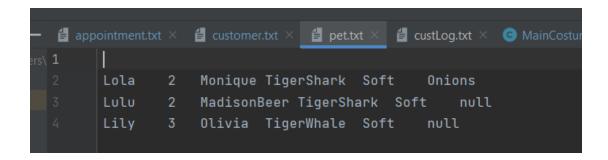
Customer.txt and CustLog.txt

This contains the data of each customer that registered put on Customer.txt and the customer login details can be accessed from CustLog.txt.



staff.txt and staffLog.txt

This contains the data of each staff that registered put on staff.txt and the customer login details can be accessed from staffLog.txt.



pet.txt

This text file contains the details of the pet registered.

VI) Screenshots of Working Program

a) b)

1)Register
2)Login

Enter Choice :

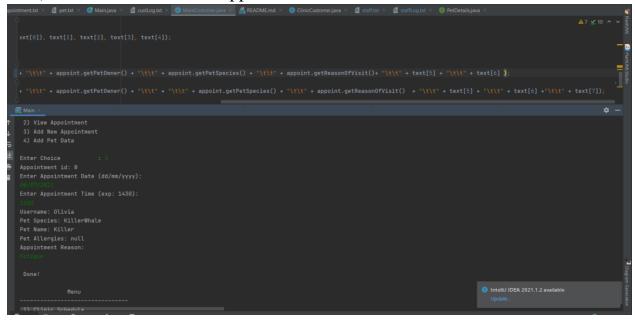
1
Enter your ID:
20
Enter your Name:

Ariana
Enter your Email:
arianagamail.com
Enter your Password:
HadisonSquare
Enter your phone number:
19834
Status: Full-Time / Part-Time
Pull-Time
Successfully wrote to the file.

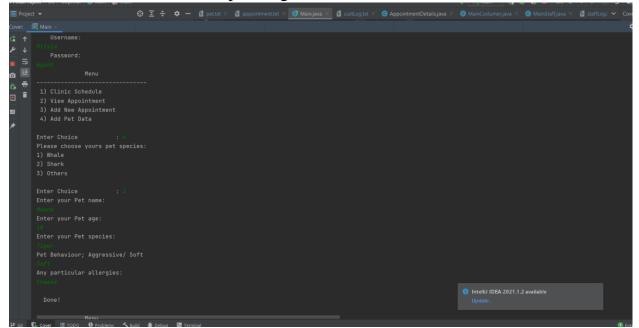
- a) Main Menu
- b) Register Account Staff Member

c) Login Staff and View Staff Profiles

d) Customer -> add new appointment



e) Customer -> Add new pet / register



f) Staff Approve/ Decline appointment

	Register								
Ente	er Choice								
		 LOGIN 							
	Username:								
	Password:								
		enu							
	Clinic Sche View Appoin								
	Add New App								
	Add Pet Dat								
Ente	er Choice								
Appo	ointment Dat	a							
ID	Pet Name	Date	Time	Pet	Owner	Pet Species	Reason Visit	Approval	
	 Moana	 09/07/2021		 1000	 Oliv <u>i</u> a	 TigerShark	Cheese	 Cough A	 lpprove