# AL AREEN DENTAL CENTER
# مركز العرين لطب الأسنان

SE project 2022

| Student Name in English | Student Name in Arabic | Student ID | Section | Work percentage |
|---|---|---|---|---|
| **Samah Abd Alrahman** | سماح سعيد عبد الرحمن | 11941150 | 10:00 – 11:30 | 50% |
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## ABSTRACT :

We chose the following project: "Clinic Management System", the product that simulates the needs of the manager and doctors in the center and their patients , This project will be a solution for clinics that will manage patients in an easier and more efficient way

-The patient is allowed to sign up and then log in the system with the valid username and password, the options available to the patient (booking an appointment with his doctor, the patient can register feedback , see the available offers and services).

-There are three doctors in the center (Dr. Sawsan, Dr. Haya, and Dr. Ahmed), and the system allows signing up new doctors. After logging in with a valid username and password, the doctor will be able to access his page, the options available to the doctor (see patients who book appointments with him and their information such as {name phone number , booking date } and view patient feedback)

-Admin : After logging in to the system with a valid username and password, the options available to admin(Doctors list ,  Patients List  ,Patients with Appointment ,Add Companies and drug providers, Companies List , Add a service or offer , Service List, Report of the number times  of booking )

# INTRODUCTION :

This project idea is to create an application that can meet the requirements of the manager, doctor and patient, on the other hand, the project makes it easier for the manager to organize the clinic and bookings, making the process more convenient.

And we have increased the level of security in the project by adding a login feature for each person with his own name and password

# TOOLS USED FOR PROJECT :

-  Eclipse
- GitHub

# MORE DETAILS :

## Home Page :
   1.DOCTOR  2.PATIENT  3.ADMIN  4.ABOUT  5.CONTACT US  6.EXIT

### 1- Doctor :

1.1 Login: If the login information is wrong, "Login unsuccessful.." , If Dr logs in to his account he will be able to see 3 options.

   1.1.1 see his Patients Appointments

1.1.2 see his Patients Feedback.

1.1.3. Exit

1.2 Registration(singing up a new doctor) , note (Registration fails if the doctor's phone number is not unique)

1.3 Log Out

## 2- Patient :

1.1 Login: If the login information is wrong, "Login unsuccessful.." , but If the login information is correct ,then Patient logs in to his account , he will be able to see 3 options.

1.1.1 to Book an appointment with a doctor according to the patient's choice

1.1.2 to View The Available Services and Offers

1.1.3. write a feedback

1.2 Registration( sing up a new patient) , note (Registration fails if the doctor's phone number is not unique)

## 3- Admin:

The admin has the username "admin" and the password "adminpass123"

1.1 Log in          1.2 Exit

1.1

   Case 1: there is error in information, messages will appear explaining this as follows (3 cases)

- Unsuccessful login, uncorrect admin name and passward
- Unsuccessful login, the admin name is not associated with an account
- Unsuccessful login, the admin passwprd is not correct

   Case 2: If his name is correct and the password is correct ,then he will see multi options

   1.Doctor list : All Doctors and his information .

   2.Patients List : All Patients and his information .

   3.Pateints with Appointment : All patients who have booked an appointment and their details will appear( Patients name, date of booking , phone number) .

   4.Add Companies and drug providers

   5.Companies List : The record of all companies and drug suppliers and their information (company name, website, phone) will appear.

   6.Add a service or offer : Add offers available in the clinic

   7.Service List : View the list of available offers (service name, description, price before discount, discount %, price after discount)

   8.Report of the number times  of booking : It was decided to show the number of reservations in the clinic in total  .

   9.Exit : Log out of the system

## 4- About :

In this section (about section) some information will appear in general about the clinic

Hi! We're "DENTALS CENTER" …

This center was established by Dr. Sawsan, Dr. Haya and Dr. Ahmed

Our people set us apart. We're passionate, dedicated, and friendly

The story
started
here!
Our Humble Beginnings was in 2017-2018
Transition to Full Service in December 2019
Phase Two Expansion July 2021
Be Part
Of Our
Story!

## 5- Contact us:

Let's Get In Touch!
_____
Are you ready to start a great experience with us ?
Call us or send us an email
we will get back to you as soon as possible!

- (972) 491-6663

- Nablus, Al-Shuhada Street
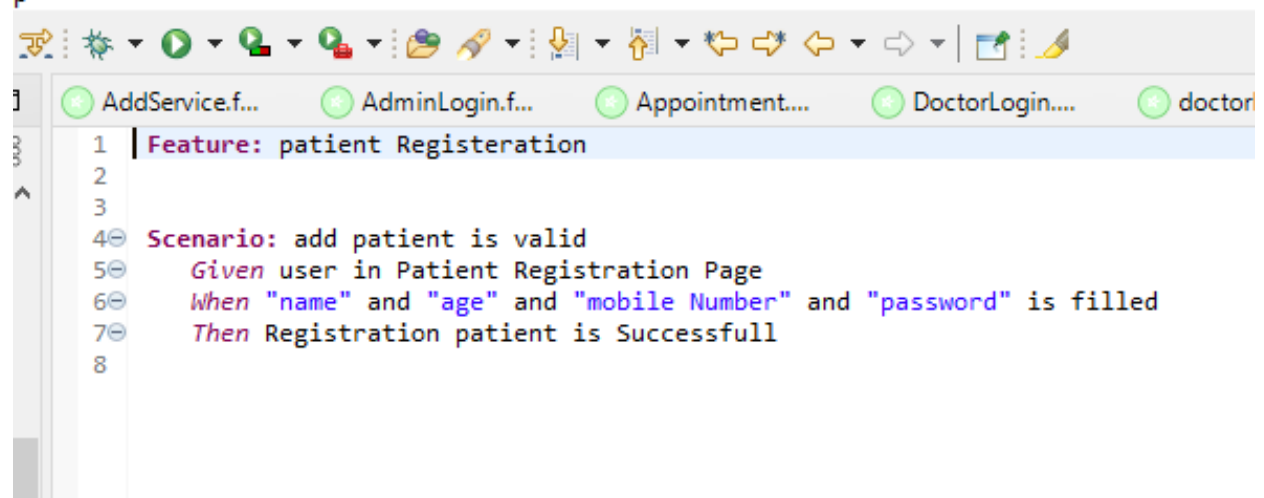
- alaren_center@gmail.com

# FEATURES :

```
1  Feature: Patient login
2
3
4    Background:user in patient page
5  Example:
6   name|password|
7  ameera|1234|
8
9  Scenario: patient can login
10     Given patient in login page
11     When patient enter correct name and correct password
12     Then give patient authorities
13
14  Scenario:  patient has the wrong information
15     When  patient enter false "name" or false "password"
16     Then  don't give patient authorities with wrong info
17
```

```gherkin
1  Feature: doctor Registeration
2
3
4⊖  Scenario: add doctor is valid
5⊖     Given user in doctor Registration Page
6⊖     When information for doctor is filled
7⊖     Then Registration doctor is Successfull
8
```

```gherkin
1  Feature: Doctor login
2
3
4    Background:user in Doctor page
5  example:
6   name|password|
7  ahmad|12345|
8
9⊖   Scenario: Doctor can login
10⊖     Given  Doctor in login page
11⊖     When Doctor enter correct name and correct password
12⊖     Then give Doctor authorities
13
14⊖  Scenario:  Doctor has the wrong information
15⊖     When  Doctor enter false "name" or false "password"
16⊖     Then  don't give Doctor authorities with wrong info
17
```
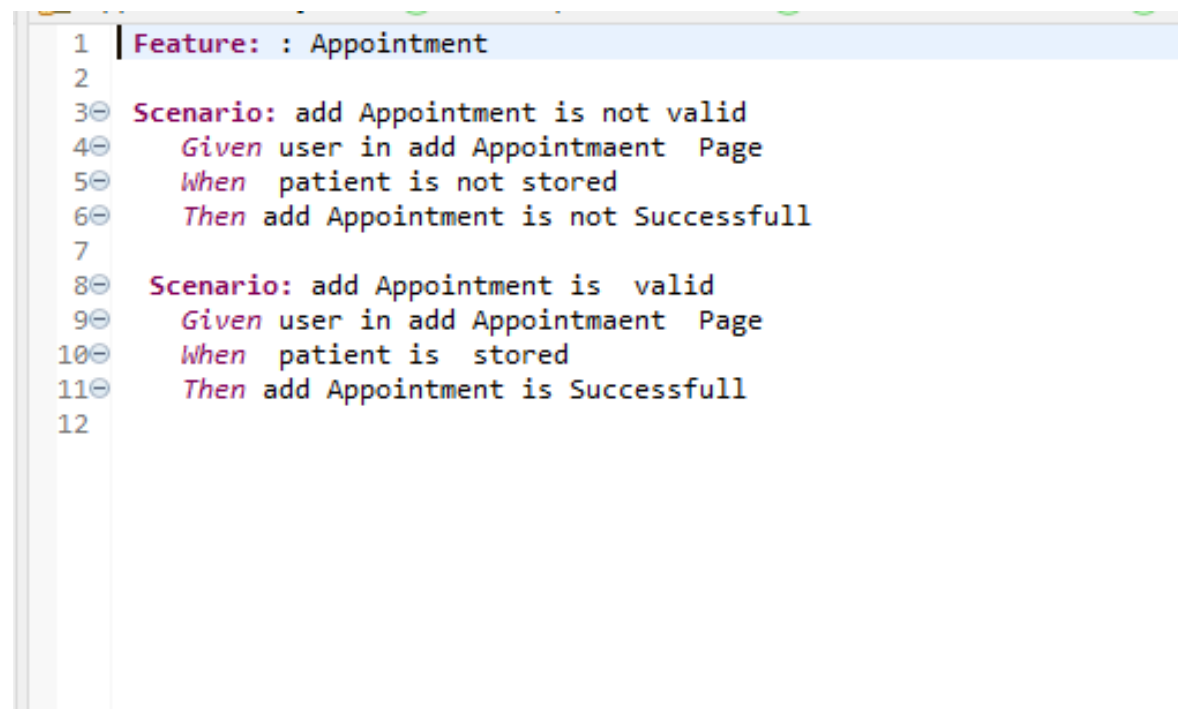
p

AddService.f...      AdminLogin.f...      Appointment....      DoctorLogin....      doctor

```
1  Feature: patient Registeration
2
3
4  Scenario: add patient is valid
5      Given user in Patient Registration Page
6      When "name" and "age" and "mobile Number" and "password" is filled
7      Then Registration patient is Successfull
8
```

```
1  Feature: : Appointment
2
3  Scenario: add Appointment is not valid
4      Given user in add Appointmaent  Page
5      When  patient is not stored
6      Then add Appointment is not Successfull
7
8    Scenario: add Appointment is  valid
9      Given user in add Appointmaent  Page
10     When  patient is  stored
11     Then add Appointment is Successfull
12
```

```gherkin
Feature: Admin login


  Background:user in admin page
example:
 name|password|
admin|adminpass123|

  Scenario:  admin can login
     Given admin should have name and password
     When admin enter correct name and correct password
     Then give admin authorities

 Scenario:  admin has the wrong password
    When  admin enter correct "name" and false "password"
    Then  don't give admin authorities with wrong pass

Scenario:  admin has the wrong name
      When  admin enter false "name" and correct "password"
      Then  don't give admin authorities with wrong name

Scenario:  admin has the wrong information
      When  admin enter false "name" and false "password"
      Then  don't give admin authorities with wrong information
```

```gherkin
Feature: add service and offer


Scenario: add service is valid
   Given user in servies add Page
   When "service name" and "service description" and "price" and "discount" is enter
   Then add service and offer is Successfull
```

```
1  Feature: : Add FeedBack
2
3
4⊖  Scenario: add FeedBack is not valid
5⊖      Given user in add FeedBack  Page
6⊖      When  This patient is not stored
7⊖      Then add FeedBack is not Successfull
8
9⊖   Scenario: add FeedBack is  valid
10⊖     Given user in add FeedBack  Page
11⊖     When   this patient is  stored
12⊖     Then add FeedBack is Successfull
13
14
```

```
1  Feature: add Companies
2
3
4⊖  Scenario: add company is valid
5⊖      Given user in company Registration Page
6⊖      When "name" and "location" and "mobile Number"  is filled
7⊖      Then Registration comany is Successfull
8
```

**All Features** under the responsibility of Samah and Ameera