

CS 321 PROJECT MILESTONE (3): FINAL REPORT

Project Group Number (in Blackboard): 3

Section Number: ☐ Group (1) ☐ Group (2) ☐ Group (3) ☒ Group (4)

Project Title is: spa System



Leader	ID	Member Name
<input checked="" type="checkbox"/>	2160007937	Noran Salah Abo Shaib
<input type="checkbox"/>	2150007201	Areej Awad Aljuied
<input type="checkbox"/>	2160007430	Tasneem Hamdy Dosoqi
<input type="checkbox"/>	2160006662	Rahaf saleh alzahrani

Instructor Name: Noor Alakkas

Date of Submission: 23nd of April

- **Our story:**

Our journey began in 1999, where we discovered a true reverence for the healing arts. this knowledge is passed down from generation to generation, from mother to daughter, from father to son, and as such is deeply entwined in the Balinese way of life. Combining this rich knowledge and spirit of generosity with European techniques, RUTLAND offers each guest the ultimate luxuriously healing experience.

- **APPLICATION DESCRIPTION:**

Our Beauty Spa system provides a lot of Spa services, it serves manager, employee and customer. It helps the manager to control the employee and the Spa services. Employee helps the customer to reserve the services. Customer can use the system to use the available services.

- **PRIVILEGES:**

Our system consists of 3 users:

1. **Manager:** responsible for providing a good employee to serve the customers, (adding, removing, updating) employee.
2. **Employee:** responsible for customer information (Add, remove, update), also responsible for (add, remove, check) equipment and generate report for the damaged one.
3. **Customer:** search, reserve, delete services such as (salon, spa, sport).

- **DIFFICULTIES:**

We faced many difficulties, one of the problems is that the time was too short to complete the last project milestone due to the prepone of the final exams. Also, we faced a problem when we moving the project between devices because it make errors. Also, the number of lines makes us take too long time to finds the errors. and we did not have enough time in college to gather and complete the project together and working spritely in home make it harder. Moreover, Error was more in GUI part we were having AWT errors even that we did not use any AWT component!

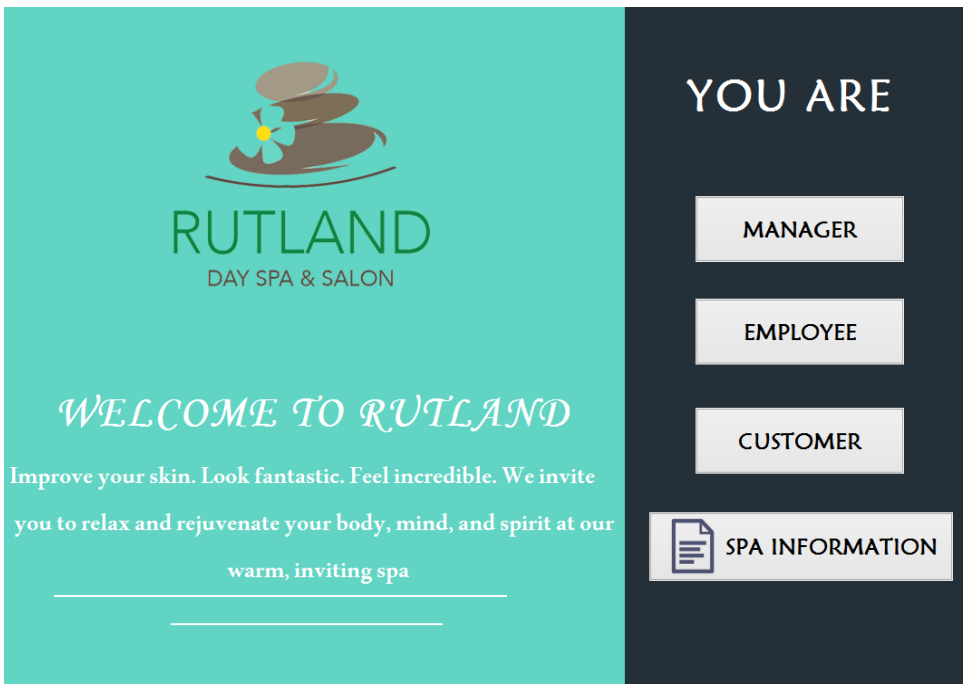
• **THE DISTRIBUTION OF TASKS BETWEEN GROUP MEMBERS:**

Name	Role Participated in
Noran Salah	<ul style="list-style-type: none"> ❖ Help in Designing and mapping the ER. ❖ Code part: <ul style="list-style-type: none"> • AddEquipment JFrame. • RemoveEquip JFrame. • Report JFrame. • logINEMP JFrame. • logIN JFrame. • NewJFrame JFrame. • File. • Main (Spa.java). ❖ Design part: <ul style="list-style-type: none"> • logINEMP JFrame. • logIN JFrame. • homepage JFrame. ❖ Handle the project and review it. ❖ implement the database.
Rahaf Saleh	<ul style="list-style-type: none"> ❖ Help in Designing and mapping the ER. ❖ Code part: <ul style="list-style-type: none"> • emp JFrame. • updateEmp JFrame. • removeEmployee JFrame. • managerSystem JFrame. • Part of Main (Spa.java). ❖ Design part: <ul style="list-style-type: none"> • emp JFrame. • updateEmp JFrame. • removeEmployee JFrame. • Report JFrame. • AddEquipment JFrame. • managerSystem JFrame. ❖ implement the database. ❖ Making the Report.



<p>Areej Awad</p>	<ul style="list-style-type: none"> ❖ Help in Designing and mapping the ER. ❖ Code part: <ul style="list-style-type: none"> • removeCustomer JFrame. • Part of Main (Spa.java). ❖ Design part: <ul style="list-style-type: none"> • AddEquipment JFrame. • RemoveEquip JFrame. • removeCustomer JFrame. ❖ implement the database.
<p>Tasneem Dosogi</p>	<ul style="list-style-type: none"> ❖ Help in Designing and mapping the ER. ❖ Code part: <ul style="list-style-type: none"> • WhatDoUWant JFrame. • AddCustomerInformation JFrame. • UpdateCustomerInformation JFrame. • BookingService JFrame. • DeleteService JFrame. • File. • Part of Main (Spa.java). ❖ Design part: <ul style="list-style-type: none"> • WhatDoUWant JFrame. • AddCustomerInformation JFrame. • UpdateCustomerInformation JFrame. • BookingService JFrame. • DeleteService JFrame. ❖ implement the database. ❖ Making the presentation.

- **THE INTERFACES:**

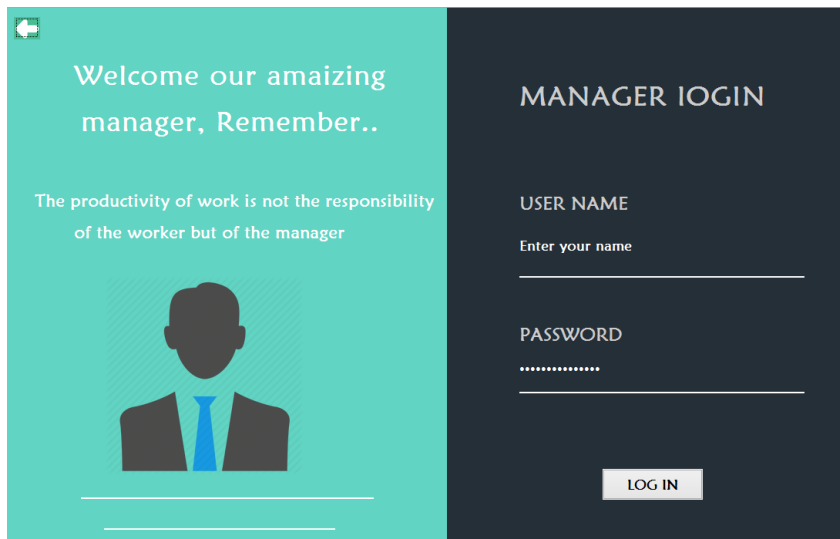


The interface is split into two main sections. The left section has a teal background and features the Rutland logo (a stack of stones with a flower) and the text "RUTLAND DAY SPA & SALON". Below this is a welcome message: "WELCOME TO RUTLAND" and "Improve your skin. Look fantastic. Feel incredible. We invite you to relax and rejuvenate your body, mind, and spirit at our warm, inviting spa". The right section has a dark blue background and is titled "YOU ARE". It contains three buttons: "MANAGER", "EMPLOYEE", and "CUSTOMER". Below these is a button with a document icon labeled "SPA INFORMATION".

A

B


C



The interface is split into two main sections. The left section has a teal background and features a silhouette of a man in a suit. Above the silhouette is the text "Welcome our amazing manager, Remember.." and below it is a quote: "The productivity of work is not the responsibility of the worker but of the manager". The right section has a dark blue background and is titled "MANAGER LOGIN". It contains two input fields: "USER NAME" with the placeholder "Enter your name" and "PASSWORD" with a masked password ".....". Below these fields is a "LOG IN" button.


A1

A2



Welcome our amazing manager, Remember..

The productivity of work is not the responsibility of the worker but of the manager



Manager System


CHOOSE ONE OF THE SERVICES PROVIDED BELLOW

Add Employee

Remove Employee


Update Employee Information

1



Welcome our amazing employee, Remember..

work hard in silence· Let success make the noise·



Add Employee

full name:
Enter employee name

social security number(SSN):
Enter employee ssn

manager(SSN):
Enter manager ssn


Birth Date:
yyyy-dd-mm

gender:
☐ male
 ☐ female

salary:
Enter employee salary


Sign Up

2



Welcome our amazing employee, Remember..

work hard in silence· Let success make the noise·



Update Employee information

full name:
Enter employee name

social security number(SSN):
Enter employee ssn

manager(SSN):
Enter manager ssn


Birth Date:
yyyy-dd-mm

gender:
☐ male
 ☐ female


salary:
Enter employee salary

update information

3



Thanks for all
the efforts




Remove Employee

enter the employee
ssn to remove it!


remove

B



Welcome our amaizing
employee, Remember..

Great Things Never Came From Comfort
Zones! Think About It..



EMPLOYEE IOGIN


USER NAME

Enter your name

PASSWORD


.....

LOG IN



Welcome our amaizing
employee, Remember..

Great Things Never Came From Comfort
Zones! Think About It..



EMPLOYEE SYSTEM

ADD CUSTOMER 1


UPDATE CUSTOMER 2

REMOVE CUSTOMER 3

ADD EQUIPMENT 4


REMOVE EQUIPMENT 5

GENERATE REPORT 6



Welcome our amazing employee, Remember..

great things never come from comfort zon!



Add Customer information

full name:
Enter name

social security number(SSN):
Enter ssn

phone number:
Enter phone number

email:
Enter email

Birth Date:
yyyy-dd-mm


gender:
☐ male ☐ female

related customer ?
☐ related customer

have discount?
☐ have discount

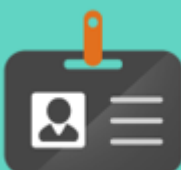
Sign Up

1



Welcome our amazing employee, Remember..

great things never come from comfort zon!



update customer information

full name:
Enter your name

(SSN): Enter SSN

phone number:
Enter phone number

email:
Enter email

Birth Date:
yyyy-dd-mm


gender:
☐ male ☐ female

have discount?
☐ have discount


related customer ?
☐ related customer

Update

2



Thanks for all the efforts



Remove Customer

enter the Customer ssn to remove it!

enter ssn here!

remove

3



4

Welcome our amaizing

Great Things Never Came From Comfort

Zones! Think About It..

EMPLOYEE SYSTEM

ADD Equipment
PROVIDED BELLOW

Enter Equipment's ID :

Enter Equipment ID

Enter Equipment's name :

Enter Equipment Name

Choose Equipment's Status :

☐ Working ☐ Not Working

ADD

5

Welcome our amaizing
employee, Remember..

Create Things Never Came From Comfort

Zonest Think About It

EMPLOYEE SYSTEM

REMOVE Equipment

Enter Equipment's ID :

Equipment ID

Remove

6

Welcome our amaizing
employee, Remember..

*work hard in silence. Let
success make the noise.*


Employee System

generate report about
dameged equipment

Enter Equipment ID


Equipment Damege Details:

Generate Report



Welcome our amazing customer, Remember..

*you already worked enough !
it is time to treat your self*



What do you want ?

Full name :
Enter your name


Social security number (SSN) :
Enter your SSN

Choos : Booking Service 1
Booking Service 2
Delete Reserve

OK


C

1



Welcome our amazing customer, Remember..

*you already worked enough !
it is time to treat your self*



Booking service

service name :
Spa

service Activity:
hot specialized

service type :
service type

price calculate
\$\$


day:
dd/MM/yyyy

to: from
12:12 am 12:12 am

Booking

2

*We are so sorry
See You Soon*



Delate service

service name :
Spa...

service number:
service number

Delate

Imam Abdulrahman Bin Faisal University
College of Computer Science & Information
Technology
Department of Computer Science



جامعة الإمام عبد الرحمن بن فيصل
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY