FINAL REPORT

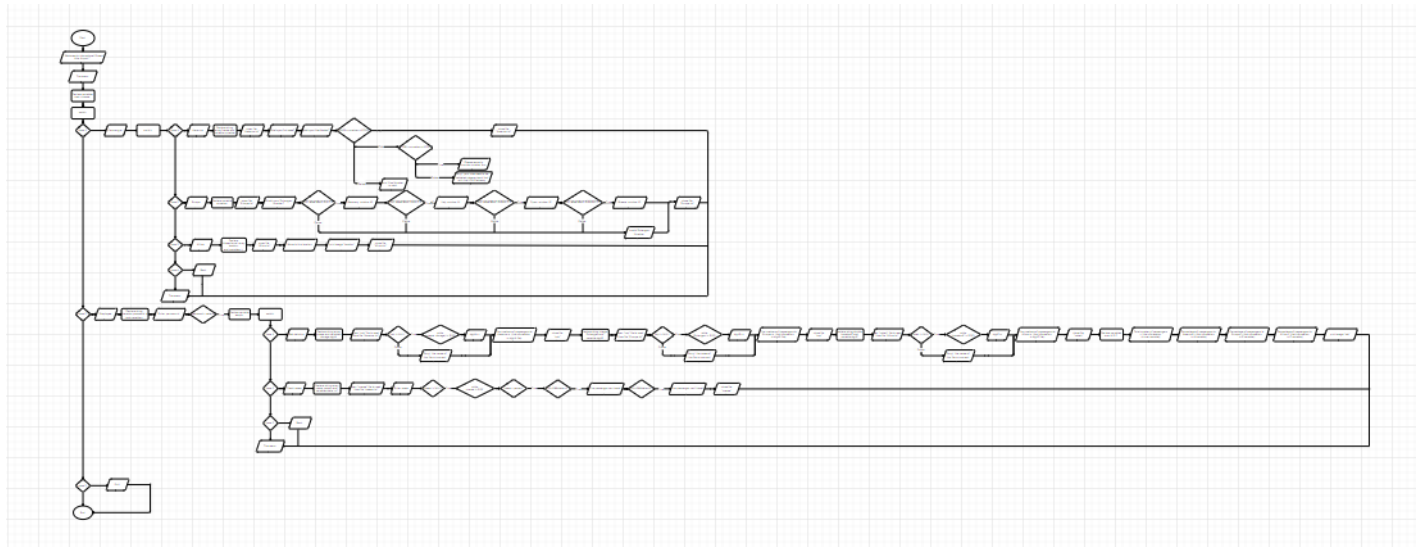|	
Student Name/ID Number/Section	Mahmoud Rumaneh ,20120103, SECTION 1
HTU Course Number and Title	**30201100: Fundamentals of Computing**
BTEC Unit Number and Title	**Not Available**
Academic Year	Fall 2020/2021
Assignment Author	Eng. Malek Al-Louzi, Eng. Atheer AlShaggah, Dr. Nayef AbuAqeel, Eng. Alaa AlBakhit, and Eng. Ali Omari
Course Tutor	Eng. Malek Al-Louzi, Eng. Atheer AlShaggah, Dr. Nayef AbuAqeel, Eng. Alaa AlBakhit, and Eng. Ali Omari
Assignment Title	Intelligent **humanoid robot to support International Queen Alia Airport**
Assignment Ref No	**Assignment 1**
Issue Date	22th December 2020
Formative Assessment dates	3rd January 2021 to 21st January 2021
Submission Date	31st January 2021 Report and Source Code Submission 6th February 2021 to 11th February 2021 Oral Assessment Period (According to your Instructor)
IV Name & Date	Eng. Malek Al -Louzi 21th December 2020

Task 1 : Flowcharts

Other clear PDF will be submitted.
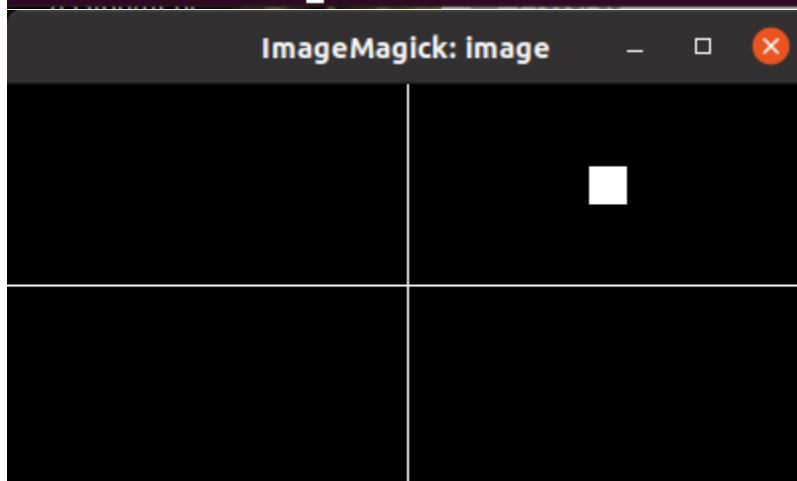
Task 2 & 3 screenshots:

```
mahmoud@mahmoud-VirtualBox: ~/Desktop/project

mahmoud@mahmoud-VirtualBox:~/Desktop/project$ ./out
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >
```

```
mahmoud@mahmoud-VirtualBox: ~/Desktop/project

mahmoud@mahmoud-VirtualBox:~/Desktop/project$ ./out
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >1
Passenger
1.America
2.Europe
3.Africa
4.Back
Where is your destination?
```

```
mahmoud@mahmoud-VirtualBox: ~/Desktop/project

mahmoud@mahmoud-VirtualBox:~/Desktop/project$ ./out
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >1
Passenger
1.America
2.Europe
3.Africa
4.Back
Where is your destination?1
America
What's your first name?mahmoud
What's your Visa Number?12369
Please move to counter number four
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >
```
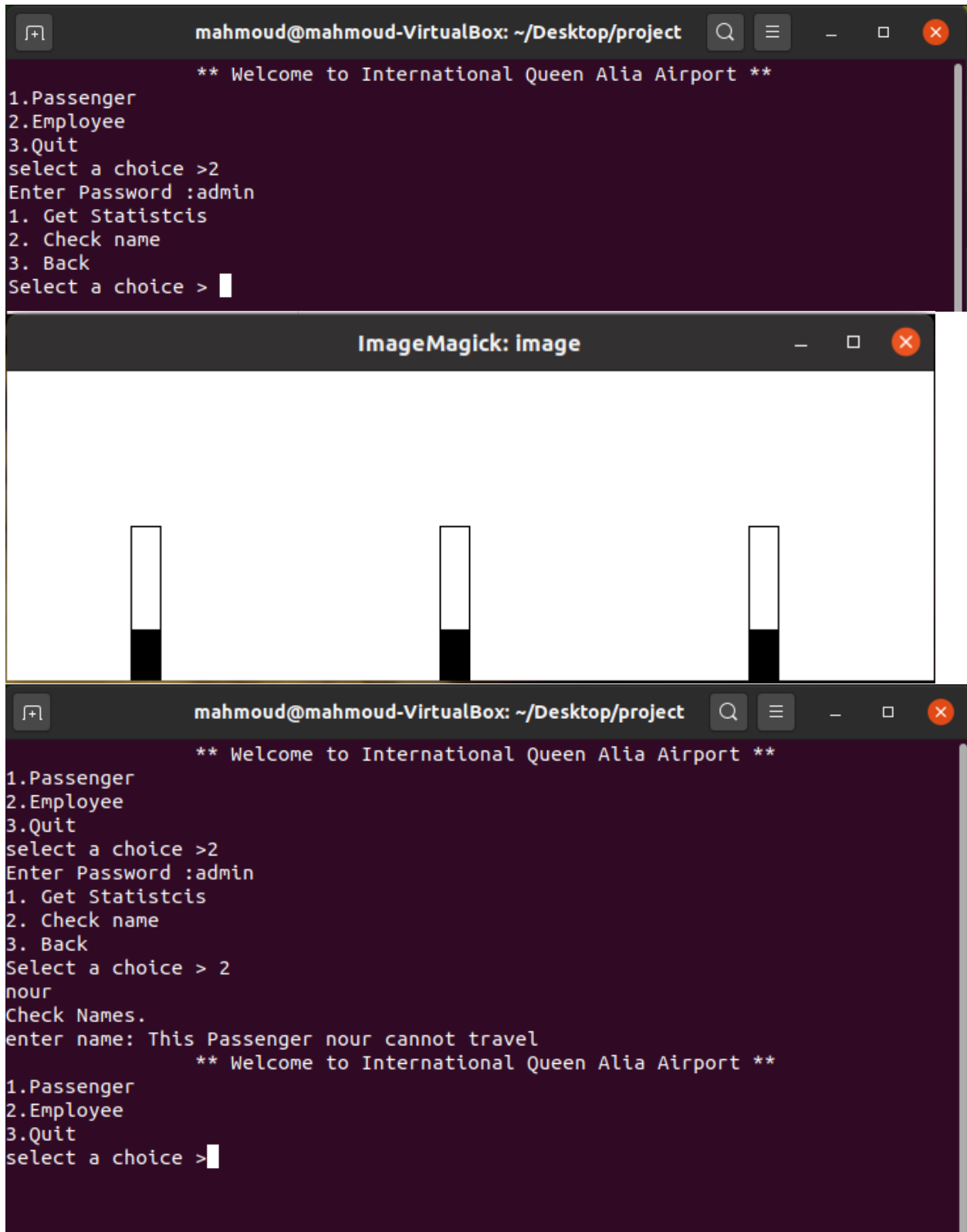
```
                  ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >1
Passenger
1.America
2.Europe
3.Africa
4.Back
Where is your destination?2
Europe
What's your Schengen Number?1712
Spain, Window 12
                  ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >█
```
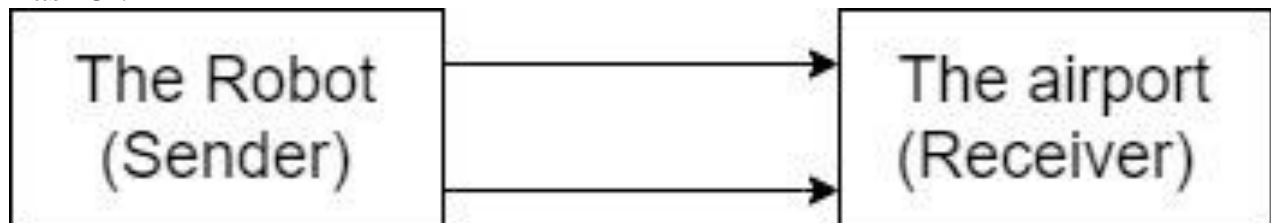


```
mahmoud@mahmoud-VirtualBox:~/Desktop/project$ ./out
                  ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >1
Passenger
1.America
2.Europe
3.Africa
4.Back
Where is your destination?4
Back
                  ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >█
```

Task 4 screenshots:

```
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >2
Enter Password :admin
1. Get Statistcis
2. Check name
3. Back
Select a choice > █
```


ImageMagick: image

```
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >2
Enter Password :admin
1. Get Statistcis
2. Check name
3. Back
Select a choice > 2
nour
Check Names.
enter name: This Passenger nour cannot travel
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >█
```

```
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >2
Enter Password :admin
1. Get Statistcis
2. Check name
3. Back
Select a choice > 3
Back
                    ** Welcome to International Queen Alia Airport **
1.Passenger
2.Employee
3.Quit
select a choice >█
```

Task 5 :

The Robot (Sender) → The airport (Receiver)

Ethernet protocol is used because its range is as far away as 2000 meter.

Student name: Mahmoud Rumaneh **Student ID: 20120103**		**Assessor name:** Eng. Malek Allouzi
Issue date: 22/12/2020	**Submission date:** 31/1 /2021	**Submitted on:** 30/ 1 /2021
Programme:		
HTU Course Name: Fundamentals of Computing **BTEC UNIT Title *: NA** **HTU Course Code:** 30201100 **BTEC UNIT Code: NA** **I AM REPEATING THIS UNIT* : (NO)**		