

Project report

1-team members:

a-Abd-Elrahman Yahya

b-Mahmoud Abd-Elmenem

c-Mahmoud Khaled

d-Mostafa Salah

e-Mosab Mohammed

2-Project idea:

A system of a hospital and their workers including:
doctors , nurses , patients and their staff.

3-Work distribution:

3-a Classes and main function:

a-Abd-Elrahman Yahya

b-Mahmoud Abd-Elmenem

c-Mostafa Salah

3-b files and related functions:

a- Mahmoud Khaled

b- Mosab Mohammed

4-Action steps:

4-1 Choosing the idea.

4-2 Choosing classes.

4-3 Making of flowchart.

4-4 Building classes

4-5 Making of files and their functions.

4-6 Making of main function.

4-7 Linking between files , classes and functions.

4-8 Testing the project.

5-classes:

5-1 Person:

The base class which all classes are derived from.

It includes information of every human-being like:

Name , age and gender.

5-2 Worker:

A derives class form person which includes data like :

Salary and bonus.

5-3 Doctor:

A derived class from worker that includes data of doctors like: profession.

5-4 nurses:

A derived class from worker that includes data of nurses.

5-5 staff:

A derived class from worker that includes data of nurses.

5-6 patients:

A class that includes all related data to patients like :
Diseases.