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| Project Idea | TA\_Name |
| Medical\_Insurance  System | Eman Amin |

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| Name | ID | Section |
| Youssef Aly Antar Issa | 2018170479 | 18\_B |
| Youssef Essam Ibrahim Mohamed | 2018170478 | 18\_B |
| Marwan Hisham Mohamed Hussein | 2018170376 | 11\_B |
| Mahmoud Adel Abdel-Alem Hussain | 2018170375 | 10\_B |
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**Medical Insurance System**

Medical insurance organization is an organization that aims to provide hospitals, doctors, medicine to the **Person** who want to buy **Policy** from them and to take full advantage of this **Policy**

In our system we are helping this medical insurance to manage their data and all information that they need to be available to them.

# **Project Description:**

First of all the receptionist takes all information from **Person** such as (Name,Age,Gneder,etc) then the system generates to him SSN to be used in managing the database and then system shall add all data to **Person** Table, then after inserting data we ask **Person** which **Policy** he wants to buy, he must choose policytype (Premium or Standard) and his medical history if he has chronic disease or none, then the system insert his policy in **Policy** table that has reference to his row in **Person** (SSN).

If **Person** is married and wants to make his dependents to join his policy then we ask him about the information of his dependents (Dependent Name, Age, Dependency type) then system shall insert it in **Dependent** table that has the same SSN that Person reference to it, else if **Person** is Single, he will be alone with his **Policy**.

At the last of the day the system shall generate two **Reports** to get saved in organization documents, the first report shall hold the day summary of all person that early joined on this day, the second report shall hold the summary of dependents that joined with specified person on this day.

The system should be easy for the user, should has the reliability properties such as (mean time to failure, availability).

***On a Side Note:***

**Bold**: means this word is a table in DB

Underline: means this word is a column in DB