Abstract

Design and construction of a Comprehensive health insurance system

Our project is designed to be used by all segments of society , to help them interact with their doctors , hospitals and even ambulances in an easy way , and help the doctors returning back to the patient’s medical history easier , and according to their history they describe new drug prescription if needed and continue checking or examining their patients on phone easily due to the simplicity in the connection between the patients and their doctors..

It also helps the hospital to check the patient’s details and information quickly and to return back to their visits , and check their financial position to each patient ..The most important and effective point in our project is that we designed a neural network in the program to calculate the insurance rate for each citizen working in this country according to some cases like:

1. The age “ if it is under 60 or over 60 “
2. The Gender
3. The job
4. Monthly income “if it is over 15000 or not”
5. Martial status
6. Cut off arms or not
7. Cut off legs or not
8. If there is any chronic diseases
9. Number of dependencies
10. Mobile Fees “if it is over 800LE per month or not”
11. Number of cars “if any”
12. Car model “if it is over 2013 or not”

And according to these information it calculate its insurance rate..