Project – Clinic Appointments System

Develop a system to manage the appointments in a clinic. A record of the **patients** who attend to the clinic should be kept, as well as of the **doctors** who work on that clinic. The following data will be recorded about **patients**:

ID, First Name, Last Name, Sex, Address, Zip Code, Telephone, and Birth of Date.

About the **doctors** is required to register:

ID, Name, Last Name, Phone Number, and Specialty.

The following information is required about the **appointments**:

ID, Status (Open, Closed, Delayed, Missed, Cancelled), Location, Doctor, Patient, Date and Time.

The system must allow to manage doctors and patients (maintenance and search) as well as schedule, modify, remove and search appointments. Be sure that two appointments don't match in date and time at the time of schedule them.

The system can be used by the clinic *staff* or the system *administrator*, so there are *two types of users* of the system, and depending on the user type, the system allows to go to the main menu, manage password and any other functionality you want to add. According to this, the system should have a login window.

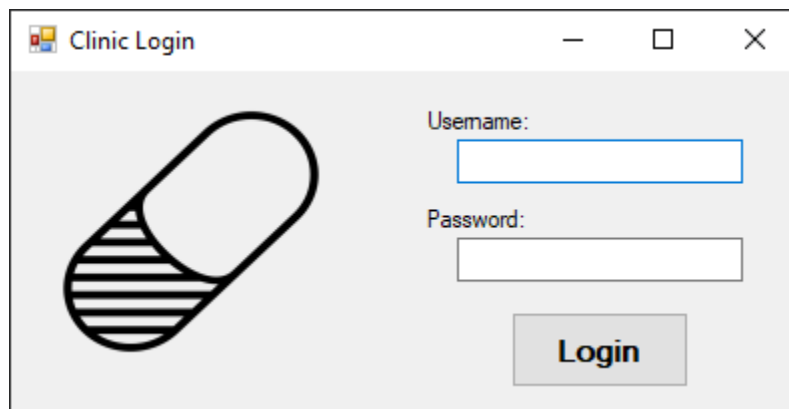The following picture will give you an idea about the project design:
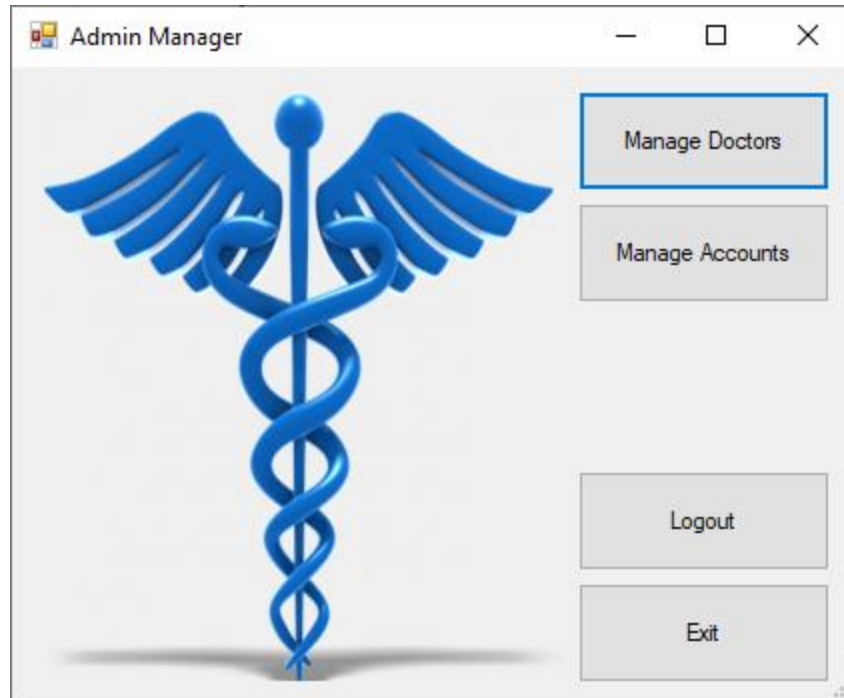

Figure 1. Login window.

Figure 2. Admin window to manage Doctors and Accounts.

Figure 3. Doctors Manager window.

Figure 4. Accounts Manager window.

Figure 5. Clinic Manager window.

Figure 6. Patients Manager window.

Figure 7. Appointments Manager window.