

Medical Cabinet Assignment (English Version)

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Status: #adult

Tag: [object-oriented programming](#) [Medical Cabinet Project](#)

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Submission Requirements

- A PowerPoint presentation
- A detailed report
- The application's source code

Medical Cabinet Management

The software should include the organisation and automation of the management of a medical cabinet, to increase the reliability and efficiency of human effort, and facilitate difficult tasks within the cabinet.

Our application should provide the following functionalities:

- **Medical Records Management and Monitoring**
- **Appointment Management**
- **Patient Files Management**

Medical Records Management and Monitoring

Consultation is the principal activity of a medical cabinet.

Attentive and phlegmatic listening to what the patient has to say is a special moment in the consultation. The **interview** should take place in **strict privacy and confidentiality** to allow the patient to express his or her concerns clearly and sincerely.

The doctor then writes a **prescription** which contains **names of the medications, doses, and duration**.

Finally, the patient can ask for a **medical certificate**.

Maintaining medical records is a professional obligation. For this reason, a **medical record** is assigned to **identify, provide a tracking of their health, and inform**.

Appointment Management

Appointments are to be made directly **over the phone, specifying the last name, first name, date and desired hour**.

Depending on the **doctor's availability**, an **appointment** is assigned.

The secretary is responsible for filling out the patient's information on a **file** containing their **last name, first name, phone, etc**.

Patient Files Management

Patient files should contain their **information**, like previously mentioned.

The Medical observation written by the doctor should include the **patient's history** which can be:

- Either **medical** (Ex: allergy to penicillin).
- Or **surgical** (Ex: if there has if there has been an operation or obstetrical gynecology and the data of its terrain (weight, height, constant, defects and allergies...)).

At each consultation a **summary of the treatment** will be **included in the medical record**.

References

- Me