Requirement specification: -

# Functional Requirement: -

## Normal user: -

* View file: the user can shell view their information on clinic system without being able to change their medical history.
* Schedule appointment: the user can shell see the appointment of doctor’s clinic.
* View prices: the user can shell check the prices of clinic online**.**
* Booking: the user can book an appointment at doctor’s clinic online.
* Checking: user (patient) can see their medical history and check medicine.

## Administrators: -

* Create profile: the administrators can create a profile for the patient with: name, id, address, telephone number, medical and dental history.
* Edit appointment: the administrators can cancel, edit, change an appointment.
* Add medical history: administrator can add a medical condition.
* Add dental history: administrator can add dental history of patient.
* Add service: doctor adds service from a drop down list for a procedure.
* Calculate price of procedure: price of procedure is calculated automatically when administrator add service.
* Confirmation: administrators can confirm the appointment of the user by email.
* Update patient information: administrators can update, add, remove patient information.
* Edit prices: administrators can shell add, edit, update prices.

# Non-functional requirement: -

## Normal user: -

* patient can’t change their information.
* patient can’t change the clinic prices.
* Patient an only change their info &address.
* Patient should wait for a confirmation message from the administrators.
* Patient is not allowed to change anything in their medical history.

## Administrators: -

* can’t add two appointments at same time.
* administrators only can add, edit, update the patient information.
* administrators should send confirmations email to approve the patient appointment.
* administrators the only one control the clinic prices.
* Administrators the only one can control clinic appointment.