



## Cover page

Project title: pharmacy automation system

Academic Year: .....2022.....

Group Members: Hosny Khaleel ishtaya

Department Name: Computer Engineer....

Hamza Sameer Khaleel

**Project Type :** Hardware

Supervisor Name: Dr .Abdallah Hasan Rashed

### Format:

- Single space, Times New Roman.
- 12 pt,
- Maximum 1 page.

### Abstract Body:

#### Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.
- Had this project been done before? Are there any similar applications available today?
- **Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**



## Project's Abstract:

As it is known, a person cannot work with high accuracy and efficiency. He may feel bored or mental fatigue, which may make the service of providing items to customers bad and the process of providing them difficult.

Our project will work to provide this service with high accuracy and efficiency without human intervention that could cause a mistake.

The service of providing items to customers is available quickly and efficiently, and without any error that a person can fall into, such as forgetting.

Objective: Bringing the correct item to the customer and presenting it to him quickly using the machine and without human intervention.

Methodology: First, electronic parts must be provided, secondly, building the external structure of the library, then building a car that moves on a x-y track so that the cart can pass near all the items on the shelves and building a push arm that will work to push the item into the cart that will stop in front of required item and then return this item to the customer, and if a line of item is empty of that item the machine must fill this empty line with item of that kind.(fully automated system input output).

As far as I we know, we have not seen a project similar to this idea. It is possible to find smart system, but it was implemented with software only.

