

Cover page

Project title:Auto-Farme..... Academic Year:2023.....

Group Members:Faiza Batta.....

Ibrahim Shalhoub

Department Name:Computer Engeneering.....

Project Type Hardware

Supervisor Name:Dr Mohannad Al-Jabi.....

Format:

- Single space, Times New Roman.



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?

Project's Abstract:

Plants are one of the most important foundations of life, and certainly agricultural crops are consumed in every home, and the population is increasing, so surely there must be an increase and attention to agriculture, and with the progress of science and technology, why not make this technology help us in developing and improving agriculture?

Therefore, we decided to create a new system aimed at increasing production and taking care of it from a distance, without the need for anyone to come and take care of this crop in terms of examining the soil, moisture and irrigation, so the plant is irrigated in appropriate quantities, and certainly in terms of security such as fire, in the event of its occurrence, identifying it and preventing it, certainly this system It will facilitate agricultural matters and can be used at home for its simplicity, and it will save people the effort of irrigation and interest in the crop, and it will provide security and protection from a distance

We will design a farm using several plants, and we will use several sensors to do all the required tasks, such as a sensor for measuring humidity to control irrigation, a sensor for sensing fire or sensing heat to control water sprinklers to extinguish fire and prevent its spread, and it will be designed in a modern way and add additional features to achieve an ideal environment for crop growth

There is such a project, but we will try to implement it in a distinctive way and add additional features

