

**Damietta University**

**Faculty of Computers and Artificial Intelligence**

**Advanced System Analysis and Design, 2023/2024**

**[Digital Inventory Management system]**

Team Members:

* **Salma Mohamed Fatheldin Abdrabou**
* ID: 806146817
* **Ahmed Ibrahim Elzayat**
* ID: 804616513
* **Khaled Shawky Ghaly**
* ID: 804621866

Problem definition:  
The existing manual system for inventory management is inefficient, time-consuming, and costly. There is a need to transition to a digitalized system to save time, reduce costs, and improve efficiency by providing accurate and current details about inventory levels.

## What we did (status):

* System request -> Business Need, Business Requirements, Business Value, Special Issues and Constraints.
* Objectives and Methodology (Agile).
* Requirements -> Functional Requirements, Non-Functional Requirements.
* Use Cases
* Context diagram, DFD Level 1.
* Sprints and User Story.
* Four UI Screens and prototype.

## What we discussed before:

* From System request to DFD Level 1

## What we discussed in this semester:

* Sprints and User story, UI Screens, and prototype