Damietta University
Faculty of Computers and Artificial Intelligence
Advanced System Analysis and Design, 2023/2024

[Digital Inventory Management system]

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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