# Graduation Project

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August 5, 2023

**Abstract**

Final result of graduation project ideas meeting discussion.

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# Idea Per Team Member

## Dalia

### Fake Signature/Money Detector

[Links to datasets](#)

Implementation Can be either:

- Web Application
- Desktop application

Possible Problems:

- Lack of real-life examples
- English fake signatures will not be the same as Arabic ones.

Stacks Included:

- ML & AI
- Web (Front & Backend)
- Database (NoSQL or SQL)

### Breast Cancer Detection

Implementation Can be either:

- Web application
- Desktop application

Stacks Included:

- ML & AI
- Web (Front & Backend)
- Database (NoSQL or SQL)

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## Mohamed Emary

### E-Commerce Application with AI Recommendation System

Implementation Can be Web Application

Stacks Included:

- ML & AI
- Web (Front & Backend)
- Database (NoSQL or SQL)

**Examination Management System**

**Learning Management System**

**Carbon Footprint Prediction Website**

**Attendance System Using Face Recognition**

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## Sara

**Online Shipment Tracking System**

Implementation Will be a Web Application

Stacks Included:

- Web (Front & Backend)
- Database (NoSQL or SQL)

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## Abdelfattah

**Education System**

Implementation Will be a Web Application

Stacks Included:

- Web (Front & Backend)
- Database - SQL

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## Shrouk

**Simulation**

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## Mohamed Abdelfattah

**Recycling Application**

Implementation Will be a Web Application

Stacks Included:

- Web (Front & Backend)
- Database (NoSQL or SQL)

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# Final Ideas

## Final Project Ideas Based on Priority:

1. **E-Commerce Website with AI Recommendation System - First Priority**

2. **Learning Management System - Second Priority**

The AI Recommendation System in E-Commerce Website is **Optional** depending on however we will be able to make it or not.

Implementation Will be a **Web Application**

## Who Will do What:

| Task | Team Members |
|---|---|
| ML & AI | Abdelfattah, Moghieth, Emary |
| Frontend | Dalia, Shrouk, Sara |
| Backend & Database (NoSQL or SQL) | Abdelfattah, Moghieth, Emary |
| Docs + UML Diagrams | Everyone |
| UI - UX | Optional if we didn't use a template |

Everyone should learn at least the basic **Git & GitHub** usage.

But tasks are still flexible.

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## Instructors We Will Try to Contact

**Professors:**

1. Ahmed Hagag
2. Tamer Abbassy

**Teaching Assisitants:**

1. Abdullah Elghamry
2. Alshimaa
3. Doaa Elbably