

Graduation Project

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August 5, 2023

Abstract

Final result of graduation project ideas meeting discussion.

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1 Idea Per Team Member

1.1 Dalia

1.1.1 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)

1.1.2 Breast Cancer Detection

Implementation Can be either:

- Web application
- Desktop application

Stacks Included:

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

1.2 Mohamed Emary

1.2.1 E-Commerce Application with AI Recommendation System

Implementation Can be Web Application

Stacks Included:

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

- 1.2.2 Examination Management System**
 - 1.2.3 Learning Management System**
 - 1.2.4 Carbon Footprint Prediction Website**
 - 1.2.5 Attendance System Using Face Recognition**
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1.3 Sara

1.3.1 Online Shipment Tracking System

Implementation Will be a Web Application

Stacks Included:

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

1.4 Abdelfattah

1.4.1 Education System

Implementation Will be a Web Application

Stacks Included:

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

1.5 Shrouk

1.5.1 Simulation

1.6 Mohamed Abdelfattah

1.6.1 Recycling Application

Implementation Will be a Web Application

Stacks Included:

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

2 Final Ideas

2.1 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 the E-Commerce Website is **Optional** depending on however we will be able to implement it or not.

2.2 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.

2.3 Instructors We Will Try to Contact

Professors:

1. Ahmed Hagag
2. Tamer Abbassy

Teaching Assisitants:

1. Abdullah Elghamry
2. Alshimaa
3. Doaa Elbably