Graduation Project

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Abstract

Final result of graduation project ideas meeting discussion.

Contents

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

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 Meeting Results

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, Mohamed Abdelfattah, Mohamed Emary
Frontend	Dalia, Shrouk, Sara
Backend & Database (NoSQL or SQL)	Abdelfattah, Mohamed Abdelfattah, Mohamed 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