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DEPI Graduation Project Playbook

Introduction

The Graduation Project is the final and most important stage of the DEPI journey. It aims to give students the chance to apply everything they learned during the course in a practical, real-world project. Through this experience, students not only strengthen their technical knowledge but also learn how to work effectively in teams, manage tasks, and face real challenges. By the end of the project, students will present and defend their work, showcasing their ability to turn knowledge into tangible results.

This playbook provides students with a clear roadmap of the entire Graduation Project process — from **group creation, project selection, proposal writing, milestones, execution, and final presentation** — ensuring that every team is well-prepared to succeed

1. Group Creation

The Graduation Project will be completed in groups to reflect real-world collaboration.

- **Team Size:** Each team should consist of **4 to 6 members**.
- **Team Structure:**
 - **Team Leader** – each team must select a leader who will be responsible for coordinating tasks, communicating with mentors, and ensuring deadlines are met.
- **Team Registration:** Teams must be officially registered through a **form** that will be shared with students.

2. Project Selection

Students will choose their Graduation Project ideas from different sources:

- **Ministry Suggested Topics** – a booklet of proposed ideas provided by the Ministry.
- **Self-Proposed Ideas** – students may propose their own innovative project ideas, but these must first be discussed with and approved by their **group instructor** before moving forward.

3. Project Planning and management

Proposal:

At this stage, each team is required to prepare and submit a **Project Proposal Document**. This proposal acts as the foundation of the Graduation Project and must include the following sections:

- **Problem Statement** – a clear definition of the problem the project aims to solve.
- **Objectives** – the goals the team plans to achieve through the project.
- **Methodology / Approach** – the steps the team will follow, along with the **methods** to be applied.
- **Expected Outcomes** – the results or deliverables the project is expected to produce.
- **Tools & Technologies** – programming languages, platforms, frameworks, or tools that will be used.

Milestones:

Milestones are **checkpoints** that help teams track their progress and ensure the project is moving in the right direction. They represent smaller deliverables or tasks that must be completed within a specific period (usually **one to two weeks**).

- Each team is required to **divide the project into smaller tasks** and set clear milestones in their **Project Proposal Document**.
- At the end of each milestone, the team must submit their progress to their mentor for review and feedback.
- This process ensures that the project is progressing step by step, instead of waiting until the final deadline.

Example Timeline:

- **Week 1–2:** Research & Requirement Analysis
- **Week 3–4:** Design & Planning
- **Week 5–8:** Development / Implementation
- **Week 9–10:** Testing & Refinement
- **Week 11–12:** Documentation & Presentation Preparation

Task Assignment & Roles:

Each team must clearly define the responsibilities of its members to ensure effective collaboration and accountability. This section should list all members, their assigned roles, Email, and Student ID.

4. Documentation and Submissions

At the end of the project, each team is required to prepare and submit all project deliverables. The submission must include:

- **Project Source Code** – provided as a ZIP file.
- **Final Presentation** – a PowerPoint file prepared using the official [DEPI template](#).
- **Project Documentation** – including reports, system design, user manuals, or tutorials.
- **Figma Link** – required for UI/UX design projects.
- **Live Application URL** – if a deployed version of the project is available.
- **GitHub Repository** – the repository link created at the **beginning of the project**.
 - *For UI/UX design projects:* a **Behance Link** may be submitted instead.
 - **Important:** The GitHub link must remain fixed throughout the project. Once submitted at the start, it cannot be changed.

5. Final discussion

At the **end of the DEPI initiative**, each team will present their Graduation Project in front of an evaluation panel.

- **Presentation Time:** 15 minutes for each team, followed by a short Q&A time slot.
- **Evaluation Panel:**
 - The group instructor
 - An external instructor
 - A representative from the Ministry

This discussion gives students the opportunity to showcase their work, demonstrate their teamwork, and defend their project outcomes.

Evaluation

The evaluation of the Graduation Project will be based on two main components:

1. **Final Presentation** – how well the team presents, explains, and defends their project in front of the evaluation panel.
2. **Final Submission Form** – all required deliverables (such as reports, code, documentation, and other outputs).

Both elements together will determine the team's final grade, ensuring students are evaluated on the **quality of their work** as well as their **ability to present and communicate it effectively**