

## **CEIT 435 – Project Development and Management I**

### **Project Progress Report (Weeks 1–9)**

#### **1. Project Information**

**Group Number:** 12

**Group Name:** Digital Detective Academy

**Project Title:** Digital Detective Academy – A Story-Driven Web Platform for Digital Literacy and Cybersecurity Awareness

**Group Members:**

- Volkan Ulusoy
- Paloosha Sheikh

#### **2. Summary of Progress (Weeks 1–9)**

From Week 1 to Week 9, our team has successfully completed the core design and development phases of the *Digital Detective Academy* project. The project idea was finalized early in the semester, followed by instructional planning, content structuring, and interface design. By mid-semester, we implemented a fully functional draft website as a single-file HTML application that works offline.

Major learning modules were designed using a story-driven and analogy-based instructional approach. The user interface was implemented with responsive design principles, and core learning content for all five modules was completed. learning clarity.

Team collaboration has been consistent throughout the semester, with clear division of responsibilities between instructional design and technical implementation.

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#### **3. Detailed Progress Table (Weeks 1–9)**

Milestone / Task No	Task	Sub-task	Status	Notes
<b>Milestone 1: Project Planning</b>				
1.1	Project topic selection	Brainstorm project ideas	Completed	Final topic agreed early
1.2	Problem definition	Write problem statement	Completed	Aligned with course goals
<b>Milestone 2: Instructional Design</b>				
2.1	Module planning	Define learning modules (1–5)	Completed	Modular structure finalized
2.2	Learning approach	Story-based and analogy design	Completed	Middle-school focus
<b>Milestone 3: Interface Design</b>				
3.1	UI layout	Homepage and navigation layout	Completed	Responsive layout
3.2	Visual structure	Cards, tables, and sections	Completed	Clean and minimal design
<b>Milestone 4: Content Development</b>				
4.1	Module content	Write learning content	Completed	All modules drafted
4.2	Visual aids	Diagrams and explanations	Completed	Supports concept clarity

Milestone / Task No	Task	Sub-task	Status	Notes
<b>Milestone 5: System Implementation</b>				
5.1	Web implementation	HTML/CSS integration	Completed	Single-file structure
5.2	Interactivity	Navigation and structure	Completed	Works offline
<b>Milestone 6: Review &amp; Refinement</b>				
6.1	Content review	Consistency and clarity check	Completed	Minor edits applied
6.2	Usability review	Navigation and flow testing	Completed	Smooth user flow

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#### 4. Milestone Progress Overview (Weeks 1–9)

##### Milestone 1: Project Planning

- **Status:** Completed
- **Evidence:** Defined project topic, problem statement, and objectives

##### Milestone 2: Instructional Design

- **Status:** Completed
- **Evidence:** Five structured learning modules with clear learning goals

##### Milestone 3: Interface Design

- **Status:** Completed
- **Evidence:** Homepage layout, navigation menu, responsive design

##### Milestone 4: Content Development

- **Status:** Completed

- **Evidence:** Full written content for all modules, visuals and analogies

#### **Milestone 5: System Implementation**

- **Status:** Completed
- **Evidence:** Functional single-file HTML website

#### **Milestone 6: Review & Refinement**

- **Status:** Completed
  - **Evidence:** Revised content and improved usability
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### **5. Challenges & Solutions**

#### **Challenge 1: Simplifying complex cybersecurity concepts**

*Solution:* We used real-life analogies, storytelling, and visuals to make abstract ideas understandable for middle school learners.

#### **Challenge 2: Maintaining engagement**

*Solution:* The games and short activity sections were used to keep learners motivated.

#### **Challenge 3: Coordinating content and development**

*Solution:* Clear role division and continuous communication ensured smooth collaboration.

### **6. Tracking System Status (Week 9)**

The project tasks and milestones were tracked through communication on whatsapp.

### **7. Planned Work for Weeks 9–14 (Brief Overview)**

- Minor content enhancements (Module 2 and 4)
- Optional interactivity improvements
- Final testing and polishing
- Final report and presentation preparation