#### **Week 2 Report**

**Name of Project:** Intelligent ID Detection and Web Automation Tool for College Campus - Codename: CleverID

**Class and Specialization:** B.Tech CSE / AiML

**Group Members:**

1. Omkar Shirodkar
2. Faaz Siddiqui

**Points Discussed:**

1. **User Workflow Design and Wireframes:**
   * Designed the user journey for *CleverID* to ensure simplicity and effectiveness, covering the following steps:
     + Align ID card within the scanning frame.
     + Extract text using OCR and validate the fields.
     + Automate login using the captured credentials.
   * Created wireframes for core app interfaces, including the scanning screen and login status dashboard. These were designed to maintain clarity and user accessibility.
2. **Visual Markers and Prompts:**
   * Integrated visual markers, such as a rectangle overlay, to guide users in aligning ID cards.
   * Drafted prompts like "Align your ID card within the frame" for intuitive interaction.
3. **Prototype Development:**
   * Integrated Tesseract OCR for initial ID scanning and text extraction.
   * Developed a dummy login workflow using Selenium to simulate portal access.

**Resources Used:**

* Figma for designing wireframes.
* Python, Tesseract OCR, and Selenium for prototype development.
* Peer feedback to refine the design.

**Target for Next Week:**

* Set up the development environment for coding the *CleverID* framework.
* Develop a working model for ID detection and automated login.

**Guide Name and Signature with Remarks:**

* Name:
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