Module 1 – Input/Output Consideration Report

1. Inputs Considered

The module relies on the following essential inputs:

- **Applicant Personal Data:** Full Name, Birth Date, Gender, Nationality, Contact Info, Emergency Contact. (Defines the core applicant identity and exists in `admission.applicant`.)

- **Academic History:** Previous institutions, Qualifications, Grades, Supporting Documents. (Required for creating the One2many relationship with `education.history`.)

- **Authentication Data:** Google/Hotmail O-Auth credentials and tokens. (Necessary for enabling Odoo's built-in O-Auth login.)

- **Portal Interactions:** Form submissions, profile updates, and document uploads. (These drive the controller logic, update records, and define what users can do in the portal.)

---

2. Inputs Ignored (and Why)

Some Module 1 inputs are not used directly:

- Internal workflow states (admission decisions, internal flags).

- Non-essential metadata unrelated to document management.

Reason: These elements do not affect authentication, portal interactions, or document handling. Excluding them keeps the module simpler, cleaner, and focused on core functionality.

---

3. Expected Outputs

Based on the selected inputs, the module will produce:

- **Applicant Records:** Structured profiles with linked education history.

- **Authentication System:** O-Auth login and secure portal access.

- **Portal Interface:** Applicant dashboard, profile management, and document upload pages.

- **Data Security:** Access rights and record-level permission controls.