OBJECT ORIENTED PROGRAMMING

Mole Project Manager

Developers Team: Jeagers

Integrants: Brandon Pazmiño; Dennis Paucar; David Pilatasig; Marlon Pasquel

Requirements for Mole Project Manager

Data Validation

1. Validate numeric fields:

   o **RUC**: Must be exactly 13 numeric characters.

   o **ID Card**: Must be exactly 10 numeric characters.

2. Ensure the **budget** field contains only numeric characters, without special characters.

3. Implement validation to handle values in the **(1.000,59)** format:

   o Use of period (.) to separate thousands.

   o Use of comma (,) to separate the decimal part from the whole number.

4. Conduct a thorough review of all field validations.

Improvements to Implement

1. Define the format for the reports to be generated.

2. Implement a user profile system.

3. Establish roles within the system:

   o **Project Manager**:

     ▪ Has permissions to perform all actions within the system.

     ▪ Can update project statuses.

- Can modify project budgets.
- Can add comments when closing a project.

4. Include specifications for project content:
   - Services only.
   - Equipment only.
   - Both (services and equipment).

Reports

1. **Monthly Reports**:
   - Must show the status of all active projects.
   - Must include complete project details.
   - Global information on active projects.
   - Must contain the project start date.
   - If the project is closed, it must include its closing date.
   - Must include project details and the statuses it has been in.

Exclusions

1. Do not include accounting-related functionalities.
2. Do not include inventory-related functionalities.

Client: Marlon Pasquel

Signature: ....