

# POISED PROJECT MANAGEMENT SYSTEM

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FICTITIOUS COMPANY'S PROJECT REQUIREMENTS | MAY 2024

## Project Information

Poised, a small (fictitious) structural engineering firm, requires a Java program to manage their projects efficiently. The system should store the following information for each project:

1. **Project Number:** A unique identifier for each project.
2. **Project Name:** The name of the project. If not provided, the project should be named using the customer's surname.
3. **Building Type:** The type of building being designed, such as House, Apartment Block, Store, etc.
4. **Physical Address:** The address where the project is located.
5. **ERF Number:** The ERF number associated with the property.
6. **Total Fee:** The total fee being charged for the project.
7. **Amount Paid:** The total amount paid to date.
8. **Deadline:** The deadline for the project's completion.
9. **Architect Information:** The name, telephone number, email address, and physical address of the architect for the project.
10. **Contractor Information:** The name, telephone number, email address, and physical address of the contractor for the project.
11. **Customer Information:** The name, telephone number, email address, and physical address of the customer for the project.

## Functionality Requirements

Poised requires the following functionalities in the project management system:

1. **Capture New Projects:** The ability to input new project information. If a project name is not provided, it should default to the format "BuildingType CustomerSurname" (e.g. "House Tyson" or "Apartment Goldman").
  2. **Update Existing Projects:** The ability to update project details as needed, such as changing the deadline after discussions with stakeholders.
  3. **Finalise Projects:** A feature to mark projects as finalised, including adding a completion date.
  4. **List Incomplete Projects:** The system should display a list of projects that have not been finalised.
  5. **List Overdue Projects:** The ability to view projects that are past their due dates.
  6. **Search for Projects:** The ability to search for and select a project by entering the project number or project name.
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