

# Project

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## Project

**Kind:** Class

**Source:** Pams/Web/Pams.WebApp/Client/app/models/sales/project.model.ts (line 8)

**Part of:** Pams

`Project` represents a sales project model in the client application. Its `clone()` method creates and returns a separate `Project` instance for workflows that need a copy of the current model.

## Methods

| Method             | Signature                         | Returns              |
|--------------------|-----------------------------------|----------------------|
| <code>clone</code> | <code>clone(proj: Project)</code> | <code>Project</code> |

## Properties

| Property                               | Type                 |
|----------------------------------------|----------------------|
| <code>ProjectID</code>                 | <code>number</code>  |
| <code>ProjectCode</code>               | <code>string</code>  |
| <code>ProjectName</code>               | <code>string</code>  |
| <code>ProjectDescription</code>        | <code>string</code>  |
| <code>IsImportant</code>               | <code>boolean</code> |
| <code>ProjectStatusID</code>           | <code>number</code>  |
| <code>StartDate</code>                 | <code>Date</code>    |
| <code>ExpectedCommissioningDate</code> | <code>Date</code>    |
| <code>EstimatedCost</code>             | <code>number</code>  |

| Property          | Type                  |
|-------------------|-----------------------|
| CurrencySymbol    | string                |
| CurrencyCode      | string                |
| FinalProduct      | string                |
| EngineeringBy     | string                |
| ContractorBy      | string                |
| ProcurementBy     | string                |
| VendorListBy      | string                |
| LicenseBy         | string                |
| KMCBy             | string                |
| ProjectLocation   | string                |
| Shareholders      | Shareholder[]         |
| ProjectComments   | ProjectComment[]      |
| ContactPersonList | Array<ContactPersons> |
| OwnerID           | number                |
| UserID            | number                |

## Where it refuses work

- `Project` stops the work with an early return when `this.StartDate == null`.

## Diagram

```
graph LR
    Project[Project instance] --> Clone[clone()]
    Clone --> Copy[New Project instance]
```

## Usage

```
import { Project } from './project.model';

const project = new Project();

const projectCopy = project.clone();
```

```
// Update the copy without replacing the original reference.  
console.log(projectCopy);
```

## AI Coding Instructions

- Use `clone()` when a workflow needs a separate `Project` instance rather than sharing the same object reference.
- Keep cloning behavior aligned with the properties defined on `Project` as the model changes.
- Avoid mutating a cloned instance when the intended change belongs on the original project.
- Import the model from the sales project model module when adding project-related client logic.

## Relationships

- IMPORTS → `AppSettings`
- IMPORTS → `Shareholder`
- IMPORTS → `ProjectRegistered`
- IMPORTS → `ProjectComment`
- IMPORTS → `ProjectContactPersons`
- IMPORTS → `ContactPersons`
- IMPORTS → `ContactInfo`

## Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

### Imported by (1)

- `ProjectService` — `Pams/Web/Pams.WebApp/Client/app/services/sales/project.service.ts :1`