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| --- | --- |
| Address | |
| Responsibilities | Collaborators |
| Holds the address of either a property or |  |
| the a property owner |  |
|  |  |

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| PCMSystem | |
| Responsibilities | Collaborators |
| Provides the property charge menu interface | ManagementMenu |
| And allows a user to select between | PropertyOwnerMenu |
| The management menu and the property |  |
| Owner menu |  |
|  |  |

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| ManagementMenu | |
| Responsibilities | Collaborators |
| Provides the interface for the department of | Property |
| Environment to manage properties and | PropertyOwner |
| Property owners, get tax data and statistics, | PCMSystem |
| And experiment with new tax calculation | PropertyOwnersList |
| Methods. | Address |
|  | Tax |
|  | Payment |

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| PropertyOwnerMenu | |
| Responsibilities | Collaborators |
| Provides the interface for a property owner | Property |
| To manage and get data about their properties, | PropertyOwner |
| And also to pay tax on registered properties. | PropertyOwnersList |
|  | PCMSystem |
|  | Address |
|  | Tax |
|  | Payment |

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| Property | |
| Responsibilities | Collaborators |
| Responsible for calculating tax to be paid and | Address |
| adding payments from the user | Payment |
| Records key information about a property, | PropertyOwner |
| Such as address, Eircode, owner, etc | Tax |
|  |  |
| Payment | |
| Responsibilities | Collaborators |
| Records details of a tax payment made by | Property |
| A property owner for a specific property, | PropertyOwner |
| Such as amount paid, year, balance after |  |
| Payment, etc |  |
|  |  |

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| PropertyOwner | |
| Responsibilities | Collaborators |
| Allows for a property to be added, tax to be | Address |
| calculated and paid and the balance to be | Property |
| displayed | Tax |
| Records key details of a owner, such as name | Payment |
| Address, and registered properties |  |
|  |  |

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| PropertyOwnersList | |
| Responsibilities | Collaborators |
| Allows for a property owner to be added to a | Property |
| list, a whole new owner to be added as well as | Address |
| displaying payment history | PropertyOwner |
|  | Payment |
|  | Tax |

|  |  |
| --- | --- |
| Tax | |
| Responsibilities | Collaborators |
| Represents a tax due for a property, It also | Property |
| calculates the value of tax including the | PropertyOwner |
| penalties. |  |
|  |  |
|  |  |