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| Tax | |
| Responsibilities | Collaborators |
| Takes a property and returns tax to be paid in | Property |
| A given year | GUI |
|  | registry |

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| GUI | |
| Responsibilities | Collaborators |
| Allows user to interact with the program | Tax |
| Group together all classes/methods for a functioning program | ListOfPayments |
|  | Registry |
|  | Payment |
|  | Property |
|  | SerialisationSurrogate |
|  | ManagementSytem |
|  | Owner |
|  | Eircode\_RoutingKey |
|  | User |

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| ManagementSytem | |
| Responsibilities | Collaborators |
| Lets the management view | Property |
| Tax data for property | Payment |
| Tax data for owners | Owner |
| Overdue tax | ListOfPayments |
| Stats for an area |  |
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| Eircode\_RoutingKey | |
| Responsibilities | Collaborators |
| Holds Eircode and routing key | Address |
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| Property | |
| Responsibilities | Collaborators |
| Holds a Property | GUI |
|  | Registry |
|  | Tax |
|  | Payment , SerialisationSurrogate , Owner |
|  | ManagementSystem, ListOfPayments |
| Address | |
| Responsibilities | Collaborators |
| Holds address of property/owner | Eircode\_RoutingKey |
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| User | |
| Responsibilities | Collaborators |
| Holds details of user e.g. password etc | Owner |
|  | ListOfPayments |
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| Owner | |
| Responsibilities | Collaborators |
| Holds details of Owner | Management System |
|  | Property |
|  | GUI |
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| Registry | |
| Responsibilities | Collaborators |
| Register a new property | Tax |
|  | Property |
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| ListOfPayments | |
| Responsibilities | Collaborators |
| Holds list of Payments | Property |
|  | Payment |
|  | Management System |
|  | User |
|  |  |

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| csvHandler | |
| Responsibilities | Collaborators |
| Handles CSV files |  |
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| SerialisationSurrogate | |
| Responsibilities | Collaborators |
| Save and Load properties into CSV files | Registry |
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| Payment | |
| Responsibilities | Collaborators |
| Represents a tax due for a property, It also | Property |
| calculates the value of tax including the | PropertyOwner |
| penalties. |  |
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| ListOfProperties | |
| Responsibilities | Collaborators |
| Stores and handles properties in csv | Csvhandler |
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| ListOfUsers | |
| Responsibilities | Collaborators |
| Stores and handles users in csv | Csvhandler |
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| --- | --- |
| ListOfOwners | |
| Responsibilities | Collaborators |
| Stores and handles Owners in csv | Csvhandler |
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