CS4013 CRC cards

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| **Class:** PropertyTax | |
| **Responsibilities:** | **Collaborators:** | |
| Get Rate of Tax by house value |  | |
| Get the added amount by location category |  | |
| Calculate the compounded Overdue tax |  | |
| Calculate Property tax figure |  | |
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| **Class:** Property | |
| **Responsibilities:** | **Collaborators:** | |
| Create a new property |  | |
| Get&set all aspects of property(Owner, Address, Eircode, market value, location, PPR, Year registered) |  | |
| Pay property tax |  | |
| Return a string of property characteristics |  | |
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| **Class:** Payment | |
| **Responsibilities:** | **Collaborators:** | |
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| **Class:** OwnerMenuCLI | |
| **Responsibilities:** | **Collaborators:** | |
| Allow to choose owner menu |  | |
| Allow to choose Department of Environment menu |  | |
| Allow different actions for Owner(Register property, View properties, search by year, Show payments, Make payment, Balancing statement, quit) |  | |
| Allow Actions of Department of Environment(View property tax data, Tax data for owners, View overdue tax, Statistics by area, Investigate rate change, quit) |  | |
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| **Class:** Owner | |
| **Responsibilities:** | **Collaborators:** | |
| Set and get owner name |  | |
| Register a property |  | |
| Register multiple properties |  | |
| View properties |  | |
| View properties by year |  | |
| View payments made |  | |
| Get balancing statement |  | |
| Pay property tax |  | |

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| **Class:** DeptEnvironmentRecord | |
| **Responsibilities:** | **Collaborators:** | |
| View all properties |  | |
| Get the tax data for properties |  | |
| Get tax data for a owner |  | |
| Get overdue tax for the year |  | |
| Get property tax statistics |  | |
| Investigate tax rate changes |  | |
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| **Class:** GUI | |
| **Responsibilities:** | **Collaborators:** | |
| Open window for choices |  | |
| Payments button to open payments |  | |
| Add properties button to open properties |  | |
| Overdue button too open overdue window |  | |
| Pay button to open pay window |  | |
| Previous years button to open previous years window |  | |
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| **Class:** AddPropertiesWindow | |
| **Responsibilities:** | **Collaborators:** | |
| Give option to add properties |  | |
| Take in property data (Owner, Address, Eircode, market value, location, PPR, Year registered) |  | |
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| **Class:** ConfirmBox | |
| **Responsibilities:** | **Collaborators:** | |
| Ask for confirmation of a task being done |  | |
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| **Class:** OverduePaymentsWindow | |
| **Responsibilities:** | **Collaborators:** | |
| Display over due payments when called on |  | |
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| **Class:** OwnerMenuSimulation | |
| **Responsibilities:** | **Collaborators:** | |
| Call the owner menu to be run in commandLine |  | |
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| **Class:** PayWindow | |
| **Responsibilities:** | **Collaborators:** | |
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| **Class:** PreviousYearsWindow | |
| **Responsibilities:** | **Collaborators:** | |
| Show stats of previous years when called on |  | |
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| **Class:** readOrWriteFile | |
| **Responsibilities:** | **Collaborators:** | |
| Allows classes to read or write into csvs |  | |
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