

CS4013 Project Checklist

Key:

- Not started/Not assigned
- Incomplete/Assigned
- Complete

1. Property Owner Functionality

- 1.0 Allow property owners to register properties
- 1.1 Allow property owners to pay tax on properties
- 1.2 Allow property owners to view list of their properties
- 1.3 Allow property owners to view tax currently due (& overdue) per property
- 1.4 Allow property owners to query specific years and get balancing statements for any particular year or property
- 1.5 Maintain a record of all payments of property charge yearly (csv files)

2. Management Functionality

- 2.0 Get property tax payment data for any property / property owner
- 2.1 Get list of all overdue property tax for a particular year (with option to select area based on routing key of eircode)
- 2.2 Get property tax statistics for a particular area based on routing key
- 2.3 Investigate impact of possible changes to the rates and levies contributing to property tax to determine how the revenue collected would change

3. Overall

- 3.0 Command line interface and GUI should be provided (system should be designed so that these are easily interchangeable with one another)
- 3.1 System should be adaptable to other calculation rules (values in tax calculation should be easily substituted)

4. Other

- 4.0 Document outlining the class responsibility collaboration cards and a UML diagram showing the relationships between the classes
- 4.1 Documentation for the software, generated by javadoc utility and a help file describing how to compile and run the application from the CLI (file should include link to github repository)
- 4.2 Source code for the system where each java class is stored in a separate file. (All code will be compiled and run from the command line)
- 4.0 Any text files that are required by the system should also be included. These must include files storing appropriate test data (at least 10 properties with a minimum of 3 owners across a minimum of 3 different routing areas.)