**OCC Task 2 checklist:**

* ***Build prototype***
  + Two programming languages
    - C#/python
    - SQL
  + Local database
  + Include comments to describe what is happening in the code.
  + Use sensible naming conventions.
  + Order the code logically.
  + Include informative error messages.
  + Include exception handling.
  + Maintain security.
  + Include accessibility (accessibility settings, e.g. change text size).
  + Easy to use/understand user interface.
* ***Test prototype***
  + Use a variety of tests
    - Valid
    - Invalid
    - Extreme
    - Boundary
  + Include iterative testing and final testing
    - Iterative testing – continuous testing throughout the development if the prototype.
    - Final testing - a test carried out when the prototype has been built with no more tests carried out after it.
  + Document tests into test log
    - Include test data.
    - Include description of test.
    - Include expected outcome.
    - Include screenshots of actual outcome from the prototype.
    - Describe what actions need to take place if the test does not give the desired outcome.
    - Describe how errors were discovered.
* ***Create development logs***
  + Change log – documents the changes made to the prototype.
    - Include changes for different sections/features of the prototype.
  + Versioning – records the different versions of the prototype.
    - Include code and designs for each version.
    - Include a table with version number, description and date/time.
* ***Icon converter***
  + <https://redketchup.io/icon-converter>