The final report content should minimally contain the following:

 Title Page The title page should contain the following information:

 The name of the Institution: Dublin Business School

 The course title: Higher Diploma in Science in Computing

 The course stream

 The title of project

 “Final Report”

 The name of the author

 The author’s e-‐mail address

 The author’s student id

 The name of the supervisor

 The submission date

**Abstract** This is, at maximum, a quarter page summary of the project.

**Acknowledgments** A brief paragraph or two acknowledging professional advice and help in submitting the report.

**Contents** List of contents, including tables and figures, with page numbers.

**Chapter 1: Introduction**

Further refinement and additions to the introduction in the interim report.

**Chapter 2: Background/Literature Review**

Further refinement and additions to the background section in the interim report.

**Chapter 3: Specification and Design**

Design of the artefact should be discussed in this chapter which is augmented by diagrams.

**Chapter 4: Implementation**

The student should discuss the implementation details here. It includes software and version of software used. Any algorithm developed during this process may be discussed. Any coding snippets can be discussed. *Please note, full code should be included in appendix not in this*

*chapter.*

**Chapter 5: Testing and Results**

This chapter contains a clear description of testing and the results of the project. The chapter also contains a description of the results of the final tests carried out on the product.

An important section in this chapter is the *critical evaluation* of the final project, where the student demonstrates the ability to critically evaluate the work done, the shortcomings in the project and so on. Objectivity is important when writing this chapter.

**Chapter 6: Conclusions and Future Work**

A review of what the project achieved, a final review of the project in terms of the proposed goals and project plan.

● Any changes from the interim report should be discussed and justified.

● The student should reflect on the learning experiences gained in doing the project and its relevance to on-going progress as a learner and future practising IT professional.

● This section should also provide a starting point for another student to continue the work.

**References and Bibliography**

Harvard referencing style.

**Appendices**

Note: Well-documented code listings should be included in an appendix, not in the main body of the report.

PROPS = PROPERTIES!

: <https://expressjs.com/>

<https://www.pagecloud.com/blog/how-to-add-custom-fonts-to-any-website>

<https://techtrim.tech/express-vs-flask/>

<https://www.w3schools.com/css/css3_buttons.asp>

<https://www.youtube.com/watch?v=Y_yw5L-D3IQ&ab_channel=RizwanKhan>

Use DOM in Node: <https://github.com/jsdom/jsdom>

<https://codingsans.com/blog/node-config-best-practices>

To Do:

Drop-Down Login & Logo with Coloration

<https://stackoverflow.com/questions/28863097/template-inheritance-with-node-js-handlebars-and-express>

<https://www.youtube.com/watch?v=WqMbzVWIAjY>

PATCH not PUT for amending prescription!

Surgeries should have prescribe (POST), amend (PATCH), and Delete (plus autodelete when expired)

Pharmas should have retrieve (GET) and mark prescription as dispensed?!?

Prescribe, Register both Doc & Pharmas forms with rendering of record into UI ( <div id=”output”> )with confirm buttons and clear buttons w/iterators (or uuid for random IDs?)

Put: Updating records ‘Working with thee edit state’?

New JSON entity shemas?

Form validations – REGEX?

PSI & MCI Nos validator?

Disappearing / Timeouts of warning/error notices

Push and pull pharma, doctor regs , and prescription JSONs to and from local storage

Easy HTTP library API Calls? / fetch API?

Arrow functions\*

<https://kinsta.com/blog/nodejs-vs-python/>

CSS Grid: [https://en.wikipedia.org/wiki/CSS\_grid\_layout /](https://en.wikipedia.org/wiki/CSS_grid_layout%20/) <https://www.youtube.com/watch?v=0xMQfnTU6oo>

MongoDB: <https://www.youtube.com/watch?v=2QQGWYe7IDU>

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\*\*On accepting passwords at login\*\*:

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