

A level computing project checklist

This is not exhaustive and there may be additional relevant information that you may wish to add. This is intended as a guide only.

Front Matter

- ☐ Title Page
- ☐ Contents Page

Analysis

- ☐ Background to problem
- ☐ What is the current situation?
- ☐ Research other solutions
- ☐ Description of solution
- ☐ Includes interview with end user
- ☐ SMART objectives (numbered and detailed)
- ☐ Modelling the solution (description of data model, maths equations, includes prototype)
- ☐ Acceptable limitations

Design

- ☐ Overview
- ☐ Description of algorithms
- ☐ Flow charts
- ☐ Pseudo code
- ☐ Structure chart
- ☐ GUI design
- ☐ UML diagrams (e.g. class structure diagrams)
- ☐ Database design
- ☐ SQL queries
- ☐ ER diagrams
- ☐ Hardware
- ☐ Project log (for investigation)

Technical solution

- ☐ Complete code listing.
- ☐ Code commented and annotated
- ☐ For each objective code listing presented
- ☐ Detailed description and annotation of complex algorithms and technically complex code

Testing

- ☐ Create testing table for each objective (see below)
- ☐ Print screen of tests
- ☐ Print screens of before and after of test failures
- ☐ Video screen cast evidence of testing

Objective number	Test no	Test description	Data type	Data value	Expected Result	Actual result	Pass/fail	Improvement needed	Reference to evidence
			Normal, erroneous boundary						

Evaluation

- ☐ Evaluation each of the objectives
- ☐ Seek feedback from end users
- ☐ Respond to the user feedback
- ☐ Identify what improvements you would make to the project

References

- ☐ Bibliography