



## DELIVERABLE 5: DESIGN OVERVIEW

Criterion	Document	Method of submission	Recommended word count
<b>B</b>	Design overview	Design overview document with, for example, screenshots, flowcharts/pseudocode, tables and diagrams	

The information added must be in the following style(s):

- bullet points or tables to list information
- scanned diagrams or other appropriate images as part of the design process
- other styles of non-extended writing or diagrammatic representation such as flow charts, Gantt charts or spider diagrams where appropriate.

If the student includes extended writing, the words will be included in the word count and the student will self-penalize if the total number of words in the documentation exceeds 2000 (subject guide, p81) \*\*see FAQ for more detail\*\*

The design overview should include:

- design methodologies appropriate to the type of product being designed
- different levels of draft design, such as the overall structure and the internal layout of the product itself; this can also include investigation into specific elements used within the product (such as classes, sub-classes, tables, queries, style sheets, graphic elements, effects)
- evidence of a testing plan that addresses the main areas of functionality of the product.

For your screen mockups, while it is not mandatory (you can use paper & pencil), I highly recommend using a tool such as one of the following:

- Adobe XD – Free download from <https://adobe.com/products/xd.html>
- MockFlow - Limited free plan from <https://mockflow.com/>
- Moqups – Limited free plan of 1 project of maximum 300 objects & 5 MB storage from <https://moqups.com/>

**IB Moderator comment / advice (Subject report, May 2018):**

The actual design overview should include many design components, for example:

- detailed layout design sketches that include annotations for complex techniques,
- evidence of algorithmic thinking (in the form of
  - flowcharts,
  - UML diagrams,
  - pseudo-code,
  - ER diagrams,
  - structured database decomposition using NF,
  - query and macro design,
- and a test plan that addresses all success criteria.

All high scoring projects included a thorough design stage.