

Suggested content for B-Solution Overview

1. Decomposition diagram (top-down)
2. Use-case diagram
3. Defining diagram (input/processing/output)
4. Systems flow chart (or data flow diagram, DFD)
5. Data dictionary
6. Test plan
7. UML class diagram (initial – class name, attributes and relationships at least- methods optional)
8. Pseudocode for search, sort and any complex calculation or operation required by your solution

Notes:

Numbers 6 & 7 will be revisited post-development: 6 to show results of data testing and 7 to add the final complete class diagram generated by Netbeans with EasyUML plugin.

In your CORE Computer Science textbooks, pages 210-217, you will find pseudocode algorithms for searching and sorting.

Suggested software:

- [UMLet](#) standalone
- [StarUML](#)
- [Creately](#) (Web-based)
- [Visual Paradigm community edition](#) (free)
- [ClickCharts free](#)
- [Pencil](#)