

Unit 4 - SAT

Nature of task

- A software solution that meets the software requirements specification and the results of the useability test.
- An assessment of the extent to which the project plan (Gantt chart) assisted in monitoring project progress in one of the following:
 - A written report
 - An annotated visual plan.

Deliverable A – The software solution

1. The Software Solution (criteria 5 & 6) includes:

- Appropriate data structures – variables, one dimensional arrays, records, associative arrays/dictionaries
- Acceptable convention/syntax/efficient code
- Data validation
- Appropriate sorting
- Appropriate file management
- Appropriate security of system and files
- Complete internal documentation
- Documents sorting algorithm used by Swift

2. Testing Report (criteria 7)

- Test table – with test data, expected results, actual results
- Evidence of meeting functional and non functional requirements – annotated output
- Useability report – use proforma, includes
 - Tests, using a range of techniques
 - Documents results
 - Discusses changes made as a result
- Overall review of how well the solution meets the functional and non functional requirements

3. Evaluation Strategies (criteria 7)

- Propose strategies to evaluate the solution using identified evaluation criteria

Deliverable A – Assessment of project plan

- Gantt Chart – annotated and/or documented and/or reported adjustment to initial plan
- Identify and explain a set of strategies for assessing the usefulness of the project plan
- Explain factors that influenced the effectiveness of the project plan
- Report on the usefulness on the initial plan and its adjustment in monitoring the progress of the entire project