

Assignment project

Deadline :

Upload of your report is due on Wed 15th December 2021.

The report will contain

- Description of your system which would collect data and store it on the cloud for processing with a list of requirement objectives that system will deliver
- The following developed UML diagrams with a detailed explanation of the specific diagram for each diagram (i.e what your diagram is showing, not the diagrams in general). Your diagrams should contain all the components / details covered in the module.
 - o Class Diagram (with all relationships, multiplicities, etc as required)
 - o Use Case Diagram
 - o State Diagrams
 - o Sequence Diagram
 - o Activity Diagrams (with swimlanes)

So for example the description and later explanation will identify and defend the classes in the system, as well as the relationships shown in the diagram. It will show attributes and methods of classes and explain how they were obtained and are appropriate for the described domain application. The class diagram will contain an attached note to some member of the class, give and explain /defend a default value for one of the attributes. It will give the type of this attribute. It will provide the signature for one of the methods and explain, etc.

There will be enough of a development of the system that it at least contains one of each relationship eg. binary association, inheritance, composition relationships as well as an association class. Show all the details such as types, labels, rolenames, multiplicity, etc.

For the Use Case Diagram have at least one include and extend (with an extension point). Fully document one of the Use Cases. Explain /defend your Diagram in detail.

Same for other diagram, as it should contain all the components listed in the notes eg. guards, etc.