

Lab submission observations (I4041)

#1 problem analysis

1. Causes: remove non- technical causes
2. Problem statement: improve
3. Constraints: only design and implementation constraints are to be mentioned

#2 business modeling

1. System use case notations are not to be used here
2. Wrong notations are to be avoided
3. Use case naming: use a verb phrase
4. Use case layout: as discussed in the class

#3 requirements

1. Non- functional requirements are related with quality attributes

#5 data flow diagram

1. External entities are actors/other systems
2. Processes at different DFD levels to be numbered properly
3. Flowchart as DFD is wrong.
4. Wrong Notations are to be avoided
5. Diagramming rules are to be followed

#6 activity diagram

1. Diagramming rules are to be followed
2. Decision boxes incompleteness is to be corrected
3. Swim lanes to be used if applicable

#7 class diagram

1. Use correct Relationship Notations
2. Association Relationship naming is preferable
3. Too many classes means some classes may be merged
4. Composition relationship is to be used carefully
5. Remove Orphan class

#8 sequence diagram

1. Correspondence with class diagram should be there
2. Duplicate objects, number them
3. Use correct Notation for return messages

#9 function point analysis

1. Excel Template missing or incomplete or wrong template or incorrect
2. VAF is to be ASSIGNED
3. EFFORT VALUE is to be COMPUTED

#10 testing

1. Test suite format is to be followed