

**Assignment 1**  
**Inspection AND Feature Tour Testing**



**Assignment Objectives:**

- Inspection of documents (specification, design, code) of a given problem.
- Tour testing – Feature Tour

**Prerequisite:**

- Create a team – exactly 2 members.
- The teacher will assign you a project number to work on.



**Assignment = In-Class assignment + Take-Home assignment**

• **In-Class assignment**

- First hour of the laboratory.
- Maxim 25 XP
- TO DO:
  1. Inspect the Requirement document and using the RequirementPhaseDefectsChecklist from the Lab01\_DefectChecklist.pdf document as a guide, create a Review form. Minimum 3 defects should be stated. (15XP)
  2. Conduct a Feature tour testing by “Playing” with the application and create a document that contains a List of feature that you have discovered. Minimum 3 features should be stated. (10XP)

• **Take-Home assignment**

- At home.
- Maxim 75 XP
- TO DO:
  1. Inspect the source code of the application document and using the DesignPhaseDefectsChecklist and ProgramCodingPhaseDefectsChecklist from the Lab01\_DefectChecklist.pdf document as a guide, create a Review form. (15XP)
  2. Conduct a Feature tour testing by “Playing” with the application and improve the created document from the in-class assignment that contains a List of feature that you have discovered. (15XP)
  3. Create a more detailed Requirement document using the provided template (Project\_RequirementsDocument.doc) (15XP)
  4. Create a more detailed Analysis and design document using the provided template (Project\_AnalysisDesignDocument.doc) (15X)
  5. Modify (if necessary) the source code such that at least the three functionalities are “called”. (You do not have – YET- to check of the obtained results are correct). (15XP)
    - Add a Student
    - Add a Laboratory assignment
    - Add a Grade to a Student at a given Laboratory assignment.



**Assignment and Delivery date:**

1. Assignment date: laboratory 1
2. Delivery date for **In-Class assignment**: laboratory 1 (max 25 XP)
3. Delivery date (first) for **Take-Home assignment**: laboratory 2 (max 75 XP)
4. Delivery date (last) for **Take-Home assignment**: laboratory 3 (max 50XP)

**Turn in:**



Delivered and presented in class AND upload on canvas after Delivery in class the following archives (IC for In-Class delivery, TH for Take-Home delivery, 93X change with your group, Name01Name02 the name of the two members)

- a. Lab1\_IC\_93X\_Name01Name02.zip
  - i. document ReviewForm for Requirements Inspection
  - ii. document Feature List for Feature Tour Testing
- b. Lab1\_TH\_93X\_Name01Name02.zip
  - i. Document ReviewForm for Design/SourceCode Inspection
  - ii. Document Feature List for Feature Tour Testing
  - iii. Project\_RequirementsDocument.doc
  - iv. Project\_AnalysisDesignDocument.doc



**References**

- See archive with various documents regarding Tour testing.
- See Lecture 1.
- See documents for Assignment01Files.zip