

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** (Maxim 25 XP)
 - 40 minutes time for problem solving and delivery
 - TO DO:
 1. Inspect the Requirement documents and using the RequirementPhaseDefectsChecklist, create a Review form. Minimum 5 defects should be stated. (15XP)
Documents: LabAssiAsseRequirements.pdf, Project_RequirementsDocument_LabAssiAsseProjectV0x.doc, Lab01_DefectChecklist.pdf, Lab01_ReviewForms.doc.
 2. Conduct a Feature tour testing by “Playing” with the application and create a document that contains a List of features that you have discovered. Minimum 5 features should be stated. (10XP)
 - 40 minutes time for problem solving and delivery
 - TO DO:
 1. Create Maven project for your received lab problem.
 2. Use the Info-Maven.pdf tutorial.
- **Take-Home assignment** (Maxim 75 XP)
 - TO DO:
 1. Inspect the analysis design document and 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 features that you have discovered. (15XP)
 3. Improve the Requirement document
Project_RequirementsDocument_LabAssiAsseProjectV0x.doc (15XP)
 4. Improve the Analysis and design document
Project_AnalysisDesignDocument_LabAssiAsseProjectV0x.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.

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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 25XP)

Turn in:

Delivered and presented in class AND upload on Teams 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 (docsFeatureTourTesting.zip)
- See Lecture 1. See documents for Assignment01Files.zip

