

# Software Test

## Lesson 1 Overview / Introduction Homework v1.1

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# Homework - overview

- Project
  - Development of a “KasetClock” for international Teams
  - Many watches could be shown at the same time
- Establish 5 (Testing) Teams – find great names!
  - Developer Team
  - Quality Assurance Team (for Developer)
  - Consulting Team (Specification, Change Mgmt.)
  - Testing Team
  - Test Automation Team



# Homework No. 1

- Take two of the Testing Term Card, each team prepares explanation of two important terms (see following page)



# Homework No. 1

- Terms to be explained – find definitions
  - Black Box Test
  - White Box Test
  - Unit Test
  - System Test
  - System Integration Test
  - Test Automation
  - UAT (User Acceptance Test)
  - NFR (Non Functional Requirements) Test
  - Defect / Bugs
  - Software quality



# Homework No. 2

- Focus on specified work

—  
Start immediately!

| Course        | Date     | Consulting Team            | Developer Team               | Testing Team                | Test automation Team            | Quality Assurance Team |
|---------------|----------|----------------------------|------------------------------|-----------------------------|---------------------------------|------------------------|
| 1             | 02.11.07 | Iteration of Spec (1)      | Spec Questions               | Spec Questions              | Spec Questions                  | QA Plan                |
| 2             | 09.11.07 | Iteration of Spec (2)      | Impl Strategy / Plan         | Test Strategy / Plan        | Test automation Strategy / Plan | QA (Spec)              |
| 3             | 16.11.07 | Spec Q&A                   | Impl Design                  | TCC                         | TA Tools Focus Dev              | QA (Impl.)             |
| 4             | 23.11.07 | Spec Q&A                   | Impl Prg (1)                 | TCC                         | TA Impl                         | QA (TC)                |
| 5             | 30.11.07 | Spec Q&A                   | Impl Prg (2)                 | TC Rev.                     | TA Impl                         | QA Delivery process    |
| ~~~~~         |          | 1 <sup>st</sup> Delivery   |                              | ~~~~~                       |                                 |                        |
| 6             | 07.12.07 | Impl Feedback              | Impl Bugfix / Dev            | TC Exe                      | first TA exe                    | QA (Process)           |
| 7             | 14.12.07 | Spec Change Mgmt.          | Impl Bugfix / Dev            | TC Exe                      | TA exe                          | QA (Process)           |
| 8             | 21.12.07 | Spec Change Mgmt.          | Impl Bugfix / Dev            | TC Exe                      | TA exe                          | QA (Process)           |
| ~~~~~         |          | 2 <sup>nd</sup> Delivery   |                              | ~~~~~                       |                                 |                        |
| Midterm break |          |                            |                              |                             |                                 |                        |
| 9             | 04.01.08 | Impl Feedback              | Impl Bugfix / Dev            | TC Exe                      | TA exe                          | QA (Process)           |
| 10            | 11.01.08 | Spec Change Mgmt.          | Impl Bugfix / Dev            | TC Exe                      | TA exe                          | QA (Process)           |
| 11            | 18.01.08 | Spec Change Mgmt.          | Impl Bugfix / Dev            | TC Exe                      | TA exe                          | QA (Process)           |
| ~~~~~         |          | Final Delivery             |                              | ~~~~~                       |                                 |                        |
| 12            | 25.01.08 | Acceptance Lessons learned | Finalization Lessons learned | Test report Lessons learned | Test report Lessons learned     | QA report              |
| 13            | 01.02.08 |                            |                              |                             |                                 | Lessons learned        |