Software Testing

Lesson 11
Test Tools
Homework
V1.0

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Winter 2013 / 2014

Homework (1/4)

1. Forward your latest test cases / location of your test cases in testlink out of homework 07 to your fellow student, appearing five lines below your entry in “KU Studentlist 219343 2014”, e. g.

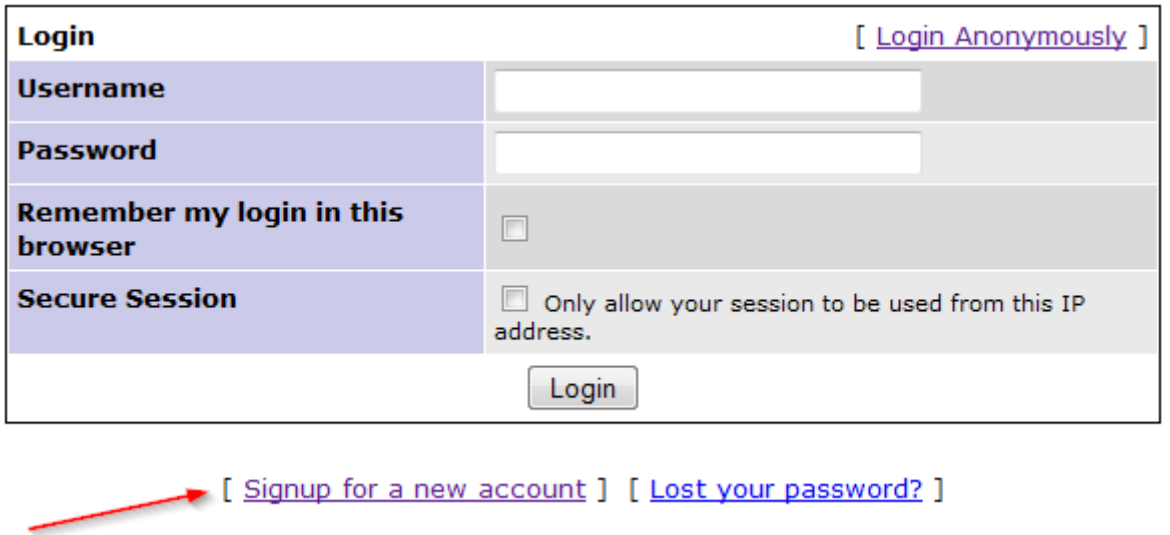
No.	Id		No.	Id
1	5410545036	→	6	5410545923
2	5410545044	→	7	5410545931
	...			
28	5610045428	→	4	5410545079
29	5610045410	→	5	5410545915

2. Ensure that you got test cases out of homework 07 from your fellow student, appearing five lines before your entry in “KU Studentlist 219343 2014”.
   Send a gentle reminder in case.

Homework (2/4)

3. Signup for a new account in “mantis”
   http://158.108.180.78/mantisbt/login_page.php

   Choose user name, as suggested in “KU Studentlist 219343 2014”
   Hint: **Only** @ku.ac.th – mail addresses work!



Homework (3/4)

4. In testlink:
   Assign the 2 test cases to be executed to
   a) Test Plan “KU-Testproject Test plan”
   b) Build to execute “KU-Testproject Build 001”
5. Execute the 2 test cases and document the results.

Homework (4/4)

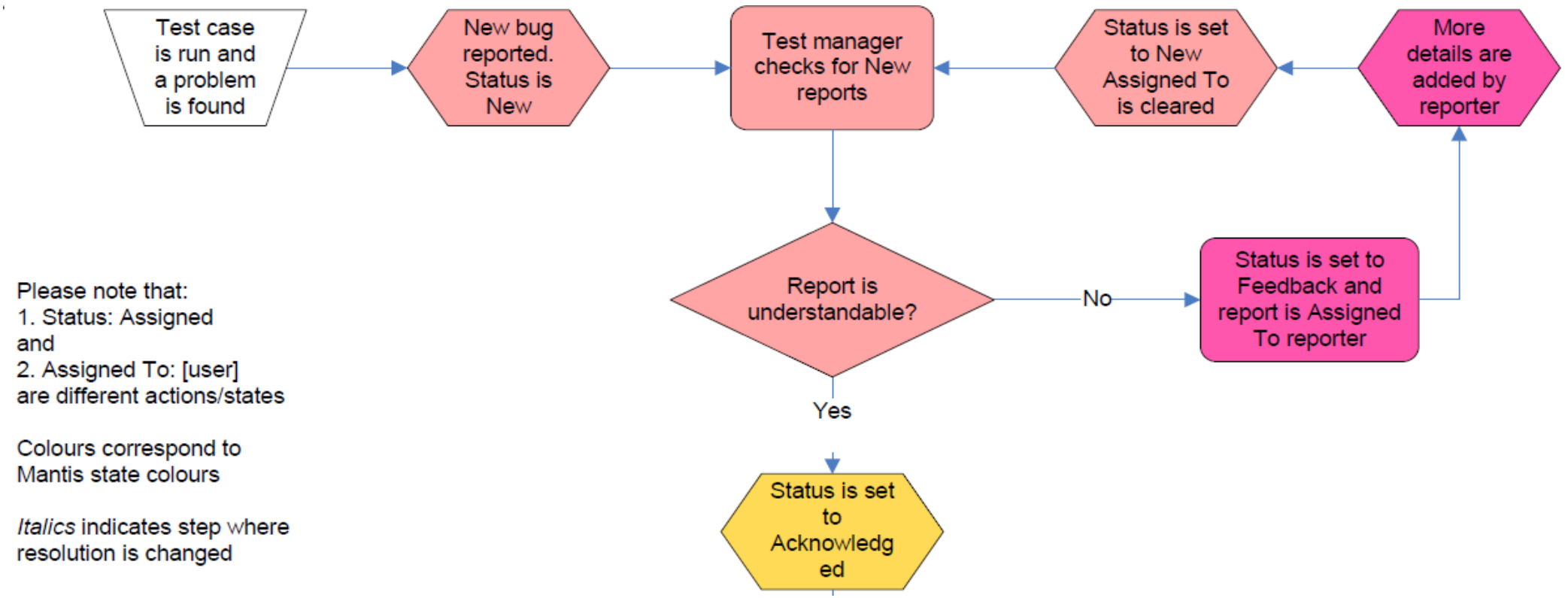
6. If a test case fails, open a corresponding defect in MantisBT.
   If no test case fails, open to one test case a defect in MantisBT anyhow, presenting a proposal (severity: feature), how the software under test (SUT) could be improved.
7. Send an email including an exported file contenting your 2 executed test cases and the defect you documented until end of next week to
   uweguehl@hotmail.com

Backup

Defect management process from testlink point of view

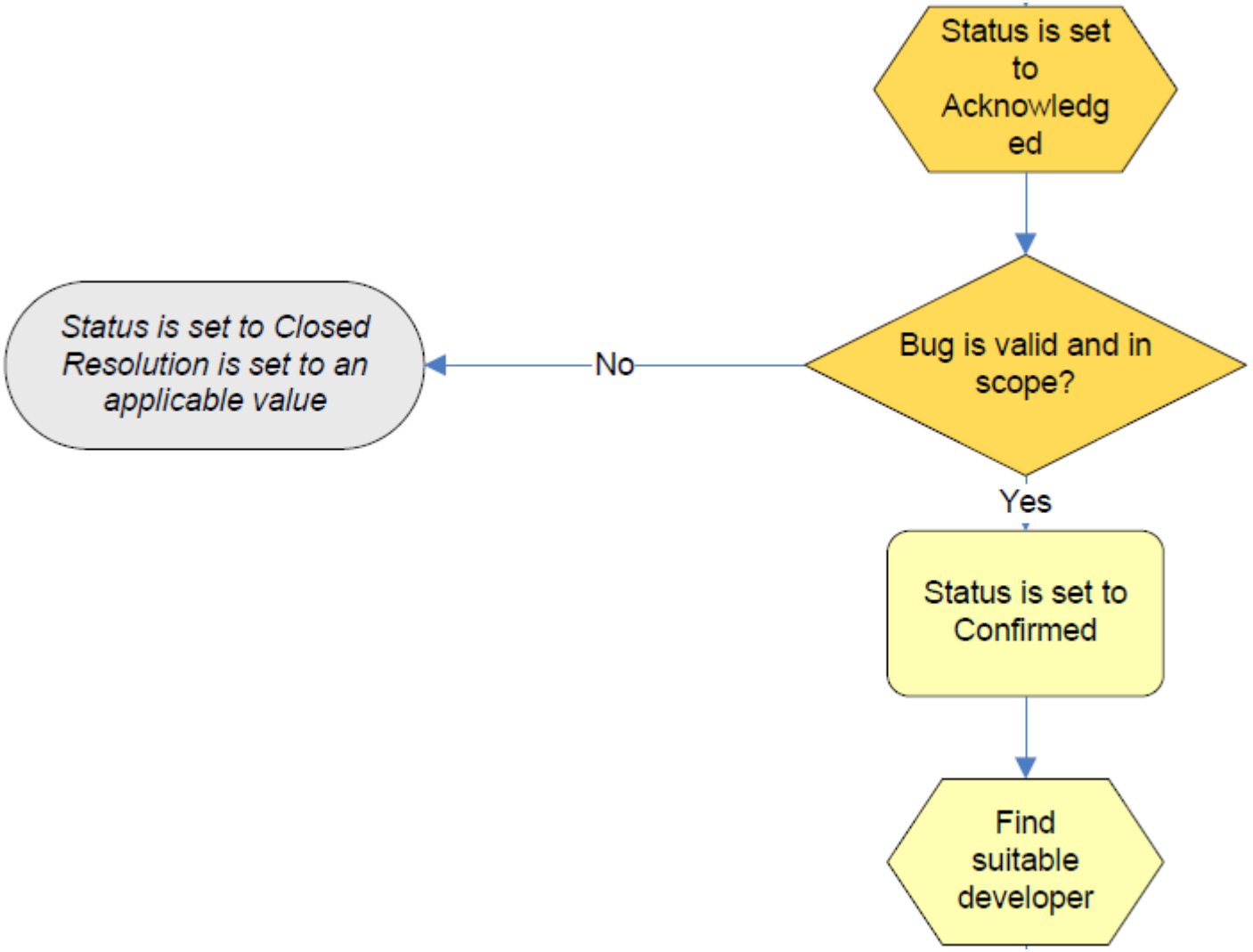
1. While executing a test, it fails.
2. User saves execution result.
3. On the table displaying execution results data, an icon to access Bug tracking system (BTS) feature will be available.
4. User clicks on link that opens BTS web page used for issue reporting.
5. After issue reporting, user has to take note of issue ID assigned by BTS, to input it into Testlink.
6. User returns to Testlink test execution page, and writes the issue ID in the bug input.
7. After user saves the execution, Testlink will display data taken from the BTS database.

Mantis Bug Life Cycle (1/4)



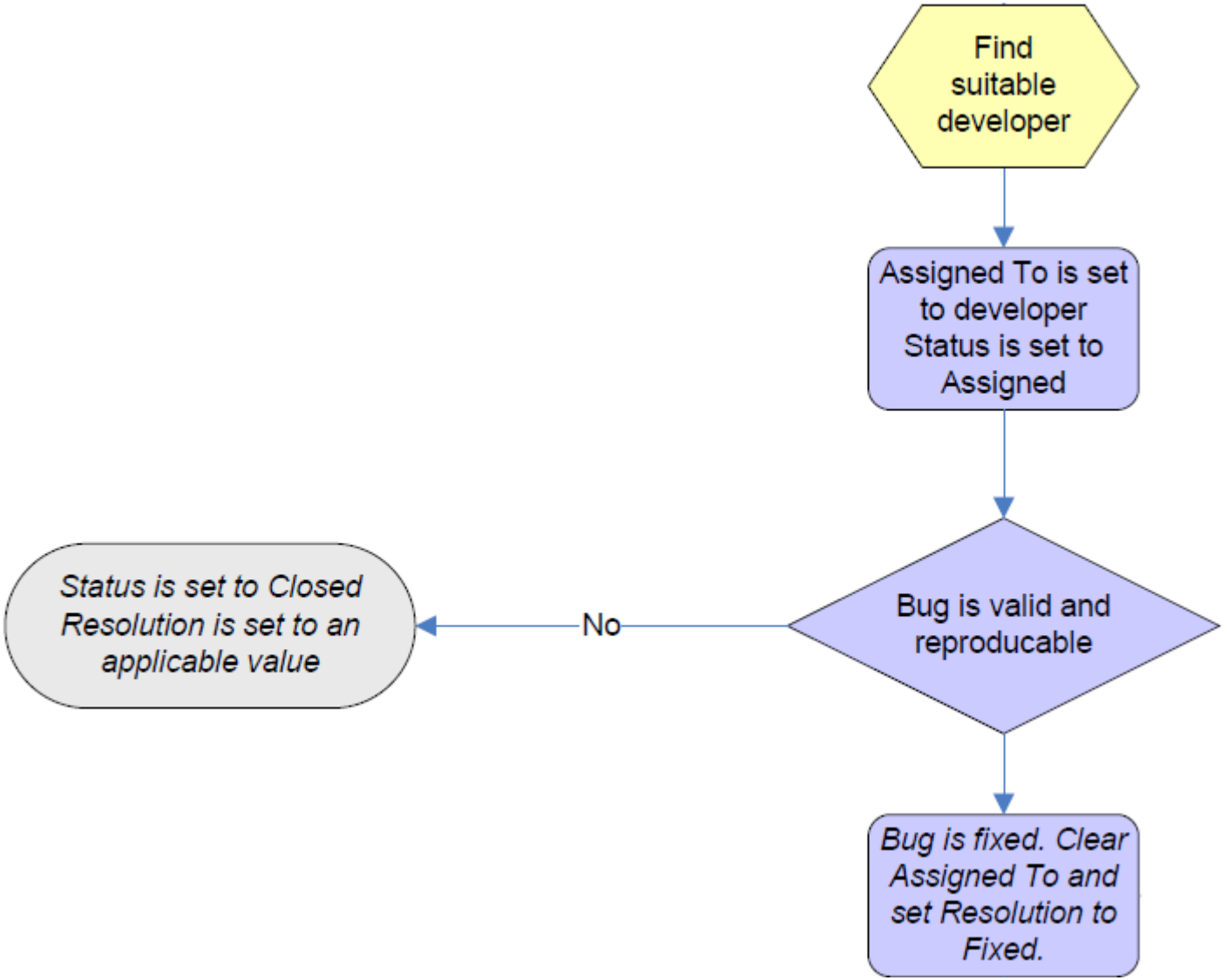
Source: www.mantisbt.org/.../Visio-Life cycle of a bug.pdf

Mantis Bug Life Cycle (2/4)



Source: www.mantisbt.org/.../Visio-Life cycle of a bug.pdf

Mantis Bug Life Cycle (3/4)



Source: www.mantisbt.org/.../Visio-Life cycle of a bug.pdf

Mantis Bug Life Cycle (4/4)

Source: www.mantisbt.org/.../Visio-Life cycle of a bug.pdf