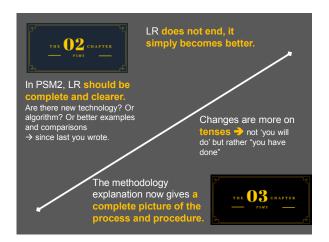
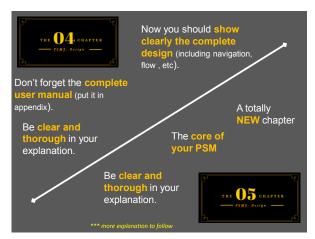
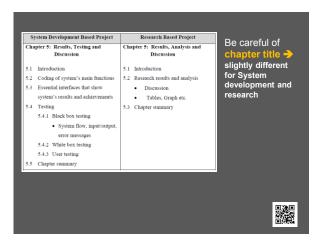


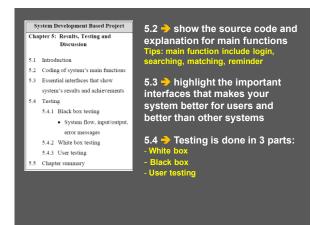
Where are the changes? • In PSM2, the changes in the report will be: - CH2 (Literature Review) - CH3 (Methodology) • Here the changes are more the tenses (to past tense) - CH4 (Design/ Experimental Design) - CH5 (Implementation/ Results analysis & Discussion) - CH6 (Conclusion) - **Presentation

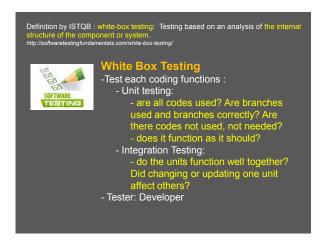












Definition by ISTOB: black box testing. Testing, either functional or non-functional, without reference to the internal structure of the component or system.

http://softwaretestingfundamentals.com/black-box-testing/

Black Box Testing

- Test functionality of the system without looking at the codes:

- System flow:

- are system flow correct? If you click a button or follow a module, does it do exactly what it is supposed to do? Are data stored and read correctly? And efficiently?

- Input/Output:

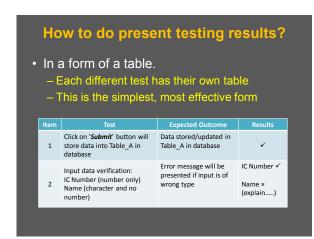
- are I/O what it should be and correctly stored or displayed? Is it verified (eg: phone number)?

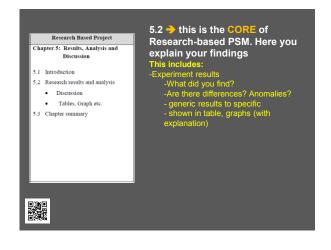
- Messages (error and notification)

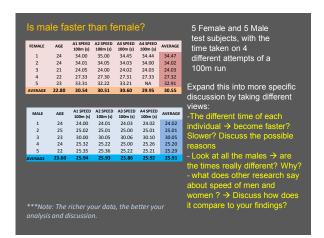
- are there error messages? Are the error messages appropriate and clear? Are there notification when needed?

- Tester: Developer, User

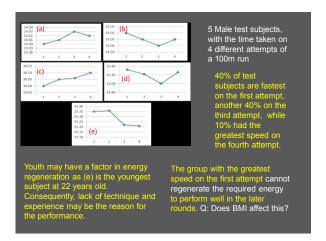


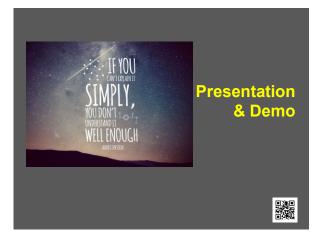












What to show evaluators?

Presentation

- · Problem background, proposed solution
- · Objective, scope, aim
- Relevant LR (main contributors to your solution)
- · Methodology (with UML, system architecture)
- Design (simple because demo will follow)
- Results, analysis, discussion → this is a long discussion for research based PSM
- · Conclusion (achievement, constraints, future works or suggestions)
- Note: understand your scope fully, so that you can deflect questions that is OUT of YOUR project scope.

What to show evaluators?

Demo

- Go through the flow of every user of your system and the modules → example: staff, students, admin, guest
- · Show some of the testing feature from your black box
 - Example: I/O verification, error messages
- Show your database and the storing and reading of data to and from it
- Always use real device and not emulators
- Do and trial run before demo day (present to your SV and take a video) → just in case something goes wrong on demo day → best be prepared.

Tips (same as in PSM1)

- You should:

 - Be clear and conciseNot clutter your slides
 - Always choose the correct colour combination and font size
 - Never cut and paste into slide
 - Always understand you project fully → easier to present and answer questions
- · You should:
 - Ask for clarification if you are not sure what the question is
 - Ask your friend to come take notes for you (of questions and comments)
 - Dress smartly, well groomed
 - Be prepared → practice

