

Software Engineering and Testing

Lab 2: (Read all instructions carefully)

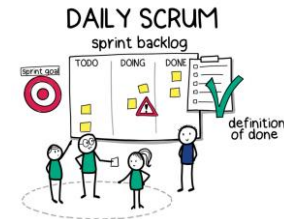


NB: * Upload Lab2 PDF + 2nd Diary entry to Brightspace.

Part (a) Daily Scrum: (3 to 5 Minutes MAX per team)

Daily scrums are status updates led by students. All members should convey status of project. For example, *proposal changes, Team changes*. Answer these questions for lab supervisor:

What have I done last week to move the project forward?
What will I complete today (see part (b) – sprint) and why?
What are any impediments I need to raise?



Complete 2nd Diary Entry

Part (b) Sprint (Objectives of Lab 2)



(1) Iteration 1.0

Create initial iteration of website in **PHP** (use Laragon to activate Server) either on college computer, laptop, or external drive/USB Key. Category and theme should be same as proposal, i.e. *Shopping, Sports, Weather etc.*, Must contain:

- Homepage** - (Use a for Loop in PHP to output top 5 bestselling products. Either from array or hard coded) See for loop [example](#) . Basic PHP file [example](#).
- Search Page** - (Create search bar Interface. Need not be connected to DB)
- Product Description Page** – (At least one product description of a best seller)

Show completed website version 1.0 to Lab lecturer.

(2) Version Control:

Archive website as version 1.0 either on **MS OneDrive** folder shared between all team members (As Editors), or **GitHub**. Accessibility to remain available all semester

Include link to directory or Hub in Lab2 Upload PDF Document.

(3) Initial Requirements Outline:

As discussed in lecture, write about Specifics over Generalities (100 words max each)

- **Scope List** - What's in and What's out?
- **Product Requirements** - What will the website do?
- **Walkthrough scenario** - How will users achieve goal –Use Case Specification?
- **System Requirements** - What will happen behind the scenes at DB level?

Include all paragraphs above in Lab 2 Upload