

Assignment 4**IT3040 – ITPM****Semester 1**

- Each group is required to prepare a report by demonstrating how the following tools were used for version controlling, managing, testing, and checking the code quality of the project.
 - GitHub
 - Azure Boards
 - Selenium
 - SonarQube

- The screenshots to include under each tool can be found in the “Screenshots to include for assignment 4” zipped file available in CourseWeb.

- Other details related to the assessment are as follows:

Weighting	The assessment is worth 12% of the overall marks for the unit
Deliverables:	Completed assignment 4 template available in CourseWeb
Submission Date	22 nd May 2022
Method of Submission	<ul style="list-style-type: none">• The completed assignment 4 template should be uploaded to the link (named as “Assessment on Tools”) available in CourseWeb module page as a PDF file.• For each group, only one member is required to upload the report.• Name of the report as follows: “Assignment 4_<Allocated Group No>”. For example, Assignment 4_ REG_WE_01

Assignment 4

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Assessed Areas
1. Azure Board

- Screenshots of work items
- Screenshots of sprints
- Screenshots of backlog items related to sprint 2
- Screenshots of boards
- Screenshots of feature
- Screenshots of sprint burndown chart
- Screenshots of bug burndown chart
- Screenshots of cumulative flow diagram
- Screenshots of test result trends

2. GitHub

- Screenshots of repository view
- Screenshots of file setup
- Screenshots of branches
- Screenshots of contributors
- Screenshots of commit graph
- Screenshots of commit history
- Screenshots of code frequency
- Screenshots of pulse
- Screenshots of ReadMe.md

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3. SonarQube

- Screenshots of overview status of analysed projects
- Screenshots of project overview
- Screenshots of project issues

4. Selenium

- Screenshots of Selenium IDE with the base URL
- Screenshots of automation test script
- Screenshots of Selenium IDE after running the test case
- Screenshots of verify items on the page