

**Assignment 4****SE3080 – SPM****Semester 2**

- 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
- Other details related to the assessment are as follows:

<b>Weighting</b>	The assessment is worth 12% of the overall marks for the unit
<b>Deliverables:</b>	Completed assignment 4 template available in CourseWeb
<b>Submission Date</b>	On or before 13 <sup>th</sup> October 2022
<b>Method of Submission</b>	<ul style="list-style-type: none"><li>• The completed assignment 4 template should be uploaded to the link (named as “Assessment on Tools”) available in CourseWeb module page as a <b>PDF</b> file.</li><li>• For each group, only one member is required to upload the report.</li><li>• Name of the report as follows: “<b>Assignment 4_&lt;Allocated Group No&gt;</b>”.</li></ul>

### Assignment 4

**SE3080 – SPM**
**Semester 2**
**Assessed Areas**
**1. Azure Board**

- Screenshots of work items
- Screenshots of sprints
- Screenshots of backlog items related to sprint 1 and sprint 2
- Screenshots of boards
- Screenshots of features
- 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

# BSc (Hons) in Information Technology

## Year 3

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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