**Please note:** **Tear** off this section and **attach** it to your work when you submit it/ If this is an online submission, then this information needs to be included in the online submission.

|  |  |
| --- | --- |
| **MODULE NAME:** | **MODULE CODE:** |
| **PROGRAMMING 1A** | **PROG5121/d** |
| **PROGRAMMING 1A** | **PROGf5111** |

|  |  |
| --- | --- |
| **STUDENT NAME:** | **Siphesihle** |
| **STUDENT NUMBER:** | ST10203950 |

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| **Part 1** | **Levels of Achievement** | |  | **Student Result** | **Feedback** |
| In order to be awarded full marks for these elements of Part 1, students need to have: | **Excellent** | **Good** | **Developing** |
| **Score Ranges Per Level (½ marks possible)** | |  |
| **Registration Feature:** \* Username contains under score and is no more than 5 characters long. | **4—5**  Feature excellently implemented. | **2—3**  Feature working mostly with some bugs**.** | **0—1**  Feature not implemented or very  buggy, or the app does not compile. |  |  |
| **Registration Feature:** \* Password meets complexity requirements | **4—5**  Feature excellently implemented. | **2—3**  Feature working mostly with some bugs**.** | **0—1**  Feature not implemented or very  buggy, or the app does not compile. |  |  |

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| --- | --- | --- | --- | --- | --- |
| **Login Feature:**  **\*** Appropriate decision structure is used to verify the user Authentication. | **4—5**  Feature excellently implemented. | **2—3**  Feature working mostly with some bugs**.** | **0—1**  Feature not implemented or very  buggy, or the app does not compile. |  |  |
| **Login Feature:**  **\*** The system responds with appropriate confirmation and error messages | **4—5**  Feature excellently implemented. | **2—3**  Feature working mostly with some bugs**.** | **0—1**  Feature not implemented or very  buggy, or the app does not compile. |  |  |
| **Unit Tests:**  **\*** Unit tests are created and  correctly tests for functionality | **4—5**  Feature excellently implemented. | **2—3**  Feature working mostly with some bugs**.** | **0—1**  Feature not implemented or very  buggy, or the app does not compile. |  |  |
| **Automated Tests :**  **\***The TestJava.yml file is created and runs the necessary unit tests in  GitHub | **4—5**  Feature excellently implemented. | **2—3**  Feature working mostly with some bugs**.** | **0—1**  Feature not implemented or very  buggy, or the app does not compile. |  |  |
| **Coding Standard and Code Complexity** | **10—7**  Good variable names, low complexity, no redundant code ,  comments class files , efficient code . . | **7-4**  Sufficient variable names, acceptable  complexity, low code  redundancy, Comments present , leans to towards efficient code | **0—3**  Poor variable names, code is overly complex, redundant code  present, poor  commenting, code is not efficient. |  |  |