**UNIVERSITY OF WOLLONGONG**

**INDIVIDUAL JOURNAL**

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| **PROJECT NO: Assignment 2** | | **PROJECT TITLE: Warehouse Management Tool** |
| **STUDENT NO:**  **5498338** | **STUDENT NAME:**  **Wee Hon Sen Daryl** | |

**1. Activities Undertaken**

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| Login Validator component |

**2. Problem(s) Encountered**

(*List the main and sub-problems encountered and state the status eg. Solved, outstanding)*

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| 1) Hashing of data and matching it was a slight issue as I had never used it before. In addition, due to me switching between coding on windows and linux the hash function produces different results depending on the OS  2) Having to create a data file in which to store the user account details | Status 1) Solved  2) Solved |

**3. Solution(s) Chosen and Alternatives (if any)**

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| 1) Compile and run all code within the linux environment  2) Manually create a text file that contains account details then run it through a small program I created to obtain a version that has the information hashed |

**4. Comments & Insights**

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| Perhaps I should add in another layer of encryption by use of a shift cipher to further protect the account. |