Updated Software Test Reports

GB Manufacturing Inventory Management System

Team Members: Alfred Beam, Shelton Adams, and Kenneth Battle

Class: CEIS400 – Week 7 - Group 1

Version: 1.0

Date: February 28, 2025

Revisions

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Author | Description | Date |
| 1.0 | Alfred Beam | Initial Draft | 02/15/2025 |
| 1.1 | Alfred Beam | Added updated test reports | 02/28/2025 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Contents**

[1 Test Report BGIMS\_TR#1A\_V1.0\_26FEB2025\_ABB 4](#_Toc191672471)

[2 Test Report BGIMS\_TR#2A\_V1.0\_28FEB2025\_ABB 10](#_Toc191672472)

[3 Test Report BGIMS\_TR#3A\_V1.0\_28FEB2025\_ABB 18](#_Toc191672473)

[4 Test Report BGIMS\_TR#4A\_V1.0\_28FEB2025\_ABB 28](#_Toc191672474)

# Test Report BGIMS\_TR#1A\_V1.0\_26FEB2025\_ABB

|  |  |
| --- | --- |
| **1. Test Report ID:** | |
| BGIMS\_TR#1\_V1.0\_26FEB2025\_ABB | |
| **2. Test Case ID:** | |
| BGIMS\_TC#1\_V1.0\_15FEB2025 | |
| **3. Tester** | |
| Alfred Beam | |
| **4. Summary:** | |
| This test was performed to validate the tool class and tool GUI tab for the BG IMS program. It involved adding, deleting, and displaying tool data that was stored in an SQL database. | |
| **5.Assessment:** | |
| When data is entered into all of the fields provided the program will add a tool to the database and display all the tools currently loaded. When data in the incorrect format is entered and the “Add Tool” button is pressed the system responds with a message telling the user what needs to be fixed. If any field is left blank the system informs the user that the missing data needs to be entered. | |
| **6. Incident Description** | |
| 1. **Inputs:** | One or more text fields are left blank. Incorrect data type is entered into a field. |
| 1. **Expected Results:** | The program should catch the error and prompt the user to fix the incorrect data and or enter the missing data. |
| 1. **Actual Results:** | The program responds correctly and does not crash. The user is prompted to fix the incorrect or missing data. |
| 1. **Unexpected Anomalies:** | None |
| 1. **Other Information:** | None |
| **7. Impact** | |
| 1. **Severity:** | No impact, the software performed correctly. |
| 1. **Priority:** | None, the software performed correctly. |
| **8. Images:** | |
| A screenshot of a computer  AI-generated content may be incorrect.  A screenshot of a computer  AI-generated content may be incorrect.  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.** | |

# Test Report BGIMS\_TR#2A\_V1.0\_28FEB2025\_ABB

|  |  |
| --- | --- |
| **1. Test Report ID:** | |
| BGIMS\_TR#2\_V1.0\_28FEB2025\_ABB | |
| **2. Test Case ID:** | |
| BGIMS\_TC#2\_V1.0\_15FEB2025 | |
| **3. Tester** | |
| Alfred Beam | |
| **4. Summary:** | |
| This test was performed to validate the material class and tool GUI tab for the BG IMS program. It involved adding, deleting, and displaying tool data that was stored in an SQL database. | |
| **5.Assessment:** | |
| When data is entered into all of the fields provided the program will add a material to the database and display all the materials currently loaded. When data in the incorrect format is entered and the “Add Material” button is pressed the system responds with a message telling the user what needs to be fixed. If any field is left blank the system informs the user that the missing data needs to be entered. | |
| **6. Incident Description** | |
| 1. **Inputs:** | One or more text fields are left blank. Incorrect data type is entered into a field. |
| 1. **Expected Results:** | The program should catch the error and prompt the user to fix the incorrect data and or enter the missing data. |
| 1. **Actual Results:** | The program responds correctly and does not crash. The user is prompted to fix the incorrect or missing data. |
| 1. **Unexpected Anomalies:** | None |
| 1. **Other Information:** | None |
| **7. Impact** | |
| 1. **Severity:** | No impact, the software performed correctly. |
| 1. **Priority:** | None, the software performed correctly. |
| **8. Images:** | |
| A screenshot of a computer  AI-generated content may be incorrect.  A screenshot of a computer  AI-generated content may be incorrect.  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.** | |

# Test Report BGIMS\_TR#3A\_V1.0\_28FEB2025\_ABB

|  |  |
| --- | --- |
| **1. Test Report ID:** | |
| BGIMS\_TR#3\_V1.0\_26FEB2025\_ABB | |
| **2. Test Case ID:** | |
| BGIMS\_TC#3\_V1.0\_15FEB2025 | |
| **3. Tester** | |
| Alfred Beam | |
| **4. Summary:** | |
| This test was performed to validate that the system will allow employees with the appropriate access level to add, display, and delete employees to and from the IMS. | |
| **5.Assessment:** | |
| When data is entered into all of the fields provided the program will add an employee to the database and display all the tools currently loaded. When data in the incorrect format is entered and the “Add Employee” button is pressed the system responds with a message telling the user what needs to be fixed. If any field is left blank the system informs the user that all employee fields must be filled out. | |
| **6. Incident Description** | |
| 1. **Inputs:** | One or more text fields are left blank. Incorrect data type is entered into a field. |
| 1. **Expected Results:** | The program should catch the error and prompt the user to fix the incorrect data and or enter the missing data. |
| 1. **Actual Results:** | The program responds correctly and does not crash. The user is prompted to fix the incorrect or missing data. |
| 1. **Unexpected Anomalies:** | None |
| 1. **Other Information:** | None |
| **7. Impact** | |
| 1. **Severity:** | No impact, the software performed correctly. |
| 1. **Priority:** | None, the software performed correctly. |
| **8. Images:** | |
| **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.** | |

# Test Report BGIMS\_TR#4A\_V1.0\_28FEB2025\_ABB

|  |  |
| --- | --- |
| **1. Test Report ID:** | |
| BGIMS\_TR#4A\_V1.0\_26FEB2025\_ABB | |
| **2. Test Case ID:** | |
| BGIMS\_TC#4\_V1.0\_15FEB2025 | |
| **3. Tester** | |
| Alfred Beam | |
| **4. Summary:** | |
| This test was performed to validate that the system will verify an employee’s login credentials before allowing them access to the IMS and allow a successful log out. | |
| **5.Assessment:** | |
| When the program is started, all tabs and fields except those required for the login process are hidden or disabled. If one or both the fields (Username and Password) are left blank when the login button is pressed the program will prompt you to fill them in. If the username and password are entered correctly the system will log in the user and enable the fields and tabs. When the logout button is pressed the user is logged out and the fields and tabs are disabled. An incorrect username or password will not log the employee in. | |
| **6. Incident Description** | |
| 1. **Inputs:** | Username and Password that exist in the access database. |
| 1. **Expected Results:** | The program should only allow a valid user to log in and prompt the user to fix any incorrect or missing data. |
| 1. **Actual Results:** | The program responds correctly and does not crash. The user is prompted to fix the incorrect or missing data. |
| 1. **Unexpected Anomalies:** | Pressing the “Logout” button when a user is not logged in will still display the “Logged Out Successfully” message. |
| 1. **Other Information:** | None |
| **7. Impact** | |
| 1. **Severity:** | Minor, this bug does not impact software performance. |
| 1. **Priority:** | Minor, should before fixed before the final release to the customer. |
| **8. Images:** | |
| A screenshot of a computer  AI-generated content may be incorrect.  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.** **A screenshot of a computer  AI-generated content may be incorrect.**  **A screenshot of a computer  AI-generated content may be incorrect.** | |