**REQUIREMENT LIST**

1. USER

1.0 Shall acknowledge consent and click button.

1.0.1 Shall click login button.

1.1 Shall enter a Username for authentication.

1.2 Shall enter the assigned Pin with its Username.

1.3 Can View reports.

1.4 Can Initiate MAF

1.5 Can order parts if needed.

1.6 Inspectors shall inspect other worker’s work.

1.7 QA shall inspect QA required inspections.

1.8 MC shall verify MAFs for completion.

1.9 MC shall submit contingency MAF to system upon coming back online.

1. SYSTEM

2.0 Authenticate User

2.1 Verify input username

2.2 Verify input pin

2.3 Verify Initiate before approving the MAF for distribution.

2.4 Create MAF that passed input validation.

2.5 Must verify the source and the destination of the parts.

2.6 Once a worker signs off a MAF, send notification to the available Inspector within their respective shop.

2.6.1 The system shall verify that the Inspector have the proper qualification to be an inspector.

2.7 Once an Inspector signs off MAF for a QA required job, send a notification to the available QA.

2.7.1 QA can be in any shop.

2.7.2 The system shall verify that the QA have the proper qualification to be a QA.

2.8 System shall verify

1. SOFTWARE

3.0 Requirements will be implemented using an online platform that is capable of CRUD operations.

3.1 List of software that will be used are the following:

3.1.1 ASP.NET

3.1.2 SQL Server or the lite version like MySQL

3.1.3 C#

3.1.4 Javascript Object Notation (JSON)

3.1.5 Hosting platform like iPage.com

* RTM
  + Requirement Traceability Matrix

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test | 1 | 2 | 3 | 4 |
| 1 | X | X | X | X |
| 1.1 | X |  | X |  |
| 1.2 | X |  |  |  |
| 1.3 | X |  |  |  |
| 1.4 | X |  |  |  |
| 2 | X |  |  | X |
| 2.1 |  |  | X |  |
| 2.2 | X | X |  | X |
| 2.3 |  |  | X |  |
| 3 | X | X |  |  |
| 3.1 |  | X |  | X |
| 3.2 |  |  | X |  |
| 3.3 | X |  |  |  |

* + RTM 90% TDD