

O-MAF 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.

2. SYSTEM

- 2.0 Authenticate User
- 2.1 Verify input username
- 2.2 Verify input pin and match with username
- 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

3. 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