1. Process Engineer is responsible for the production process stability and correctness to keep items released from production properly.
2. Process Engineer is responsible for items documentation (reports) correctness to keep traceability in production, reports shall be available from single platform.
3. Production Operator is required to use single platform instead of many test applications to shorten work time and eliminate errors in production.
4. Managers are required to view production status and performance reports.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Role |  |  |  |  |  |
| Process Engineer | Login | Create configurations (create/delete/edit): 1. Item types   * Set Test Applications with order * Set Parameters   2. Test Applications |  |  |  |
| Production Operator | Login | Create/delete new item (SN created) | List actions for item by SN | Step by step follow list | If the entire list PASS => finish |
|  |  |  |  |  | If at least 1 FAIL, return to prev step |
| Manager/Auditor | Login | Dashboard with metrics |  |  |  |

**Must have**:

1. User authentication & roles
2. Versions (\*3)
3. Deployment to cloud
4. Automatic build
5. Reports creation & print
6. Stations, sites

**Future:**

1. Save private configurations for each Test Application
2. Execution order
3. Inheritance of item types (based on)
4. Production Operator to Work on multiple items simultaneously
5. Offline work (prod. operator)
6. Calibrations made by service at the field (they shall activate specific version of test app, parameters shall be updated)
7. Export to pdf
8. Share images
9. Priority (or another) system integration
10. Introduce microservices with the Kafka message queue event driven architecture (+API Gateway)
11. MongoDB instead of google
12. AI