

# **QA RISK ASSESSMENT & GOVERNANCE REPORT**

## **DemoOps Backoffice (Oh-Dish Simulation)**

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# TABLE OF CONTENTS

|                                |  |
|--------------------------------|--|
| 1. Users Module Risk Register  |  |
| 2. Roles Module Risk Register  |  |
| 3. POS Module Risk Register    |  |
| 4. Orders Module Risk Register |  |
| 5. Risk Heatmap                |  |
| 6. Risk Level Distribution     |  |

## 1. Users Module Risk Register

| Risk ID | Description                  | Category   | Probability | Impact | Level  |
|---------|------------------------------|------------|-------------|--------|--------|
| U-R1    | Duplicate user creation      | Functional | Medium      | Medium | Medium |
| U-R2    | Invalid email format bypass  | Functional | Medium      | High   | High   |
| U-R3    | Password strength weakness   | Security   | Medium      | High   | High   |
| U-R4    | RBAC misconfiguration        | Security   | Medium      | High   | High   |
| U-R5    | User deletion orphan records | Data       | Low         | Medium | Medium |
| U-R6    | Search inconsistency         | Functional | Medium      | Medium | Medium |
| U-R7    | Export data exposure         | Security   | Low         | High   | Medium |
| U-R8    | Status lifecycle corruption  | Workflow   | Medium      | High   | High   |
| U-R9    | Pagination data mismatch     | Functional | Low         | Medium | Medium |
| U-R10   | Audit log not recorded       | Governance | Low         | High   | Medium |

## 2. Roles Module Risk Register

| Risk ID | Description                 | Category   | Probability | Impact | Level  |
|---------|-----------------------------|------------|-------------|--------|--------|
| R-R1    | Role permission overlap     | Security   | Medium      | High   | High   |
| R-R2    | Privilege escalation        | Security   | Low         | High   | Medium |
| R-R3    | Role duplication            | Functional | Low         | Medium | Medium |
| R-R4    | Incorrect permission matrix | Security   | Medium      | High   | High   |
| R-R5    | Role deletion impact        | Workflow   | Low         | Medium | Medium |
| R-R6    | Role search failure         | Functional | Medium      | Medium | Medium |
| R-R7    | Bulk role update failure    | Workflow   | Low         | High   | Medium |
| R-R8    | Role status misalignment    | Workflow   | Medium      | High   | High   |
| R-R9    | Audit trail missing         | Governance | Low         | High   | Medium |
| R-R10   | Role assignment conflict    | Security   | Medium      | High   | High   |

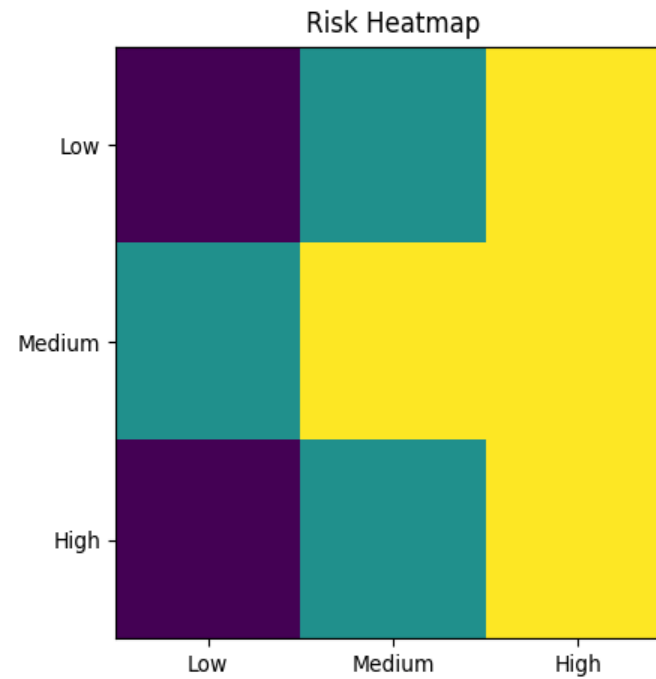
### 3. POS Module Risk Register

| Risk ID | Description                | Category    | Probability | Impact | Level  |
|---------|----------------------------|-------------|-------------|--------|--------|
| P-R1    | Incorrect order creation   | Functional  | Medium      | High   | High   |
| P-R2    | Item quantity overflow     | Functional  | Medium      | Medium | Medium |
| P-R3    | Discount miscalculation    | Functional  | Medium      | Medium | Medium |
| P-R4    | Promo code bypass          | Security    | Low         | Medium | Medium |
| P-R5    | Payment gateway mismatch   | Integration | Medium      | High   | High   |
| P-R6    | Kitchen trigger failure    | Integration | Low         | High   | Medium |
| P-R7    | Hold/reset malfunction     | Workflow    | Low         | Medium | Medium |
| P-R8    | Concurrent order conflict  | Workflow    | Low         | High   | Medium |
| P-R9    | Receipt generation failure | Integration | Medium      | Medium | Medium |
| P-R10   | High load POS lag          | Performance | Medium      | High   | High   |

## 4. Orders Module Risk Register

| Risk ID | Description                           | Category    | Probability | Impact | Level  |
|---------|---------------------------------------|-------------|-------------|--------|--------|
| O-R1    | Invalid state transition              | Workflow    | Medium      | High   | High   |
| O-R2    | Scheduled date corruption             | Data        | Low         | Medium | Medium |
| O-R3    | Order status sync failure             | Integration | Medium      | High   | High   |
| O-R4    | Refund miscalculation                 | Functional  | Medium      | High   | High   |
| O-R5    | Search/filter omission                | Functional  | Medium      | Medium | Medium |
| O-R6    | Bulk update failure                   | Workflow    | Low         | High   | Medium |
| O-R7    | Data inconsistency across views       | Data        | Medium      | High   | High   |
| O-R8    | Order deletion orphan data            | Data        | Low         | Medium | Medium |
| O-R9    | Performance degradation               | Performance | Medium      | High   | High   |
| O-R10   | Release without regression validation | Governance  | Low         | High   | Medium |

## 5. Risk Heatmap (Probability vs Impact)



## 6. Risk Level Distribution

