| **REQUIREMENT LIST** | | |
| --- | --- | --- |
| **Req ID** | **Requirement** | **Actor** |
| **REQ-001** | Sign in | Admin,Staff,User |
| **REQ-002** | Sign up | User |
| **REQ-003** | Forgot Password | Admin,Staff,User |
| **REQ-004** | Change Password | Admin,Staff,User |
| **REQ-005** | View User information | Admin,User |
| **REQ-006** | Update User information | User |
| **REQ-007** | Search all Users | Admin |
| **REQ-008** | Delete User | Admin,User |
| **REQ-009** | Create new Staff | Admin |
| **REQ-010** | View Staff information | Admin,Staff |
| **REQ-011** | Update Staff information | Admin,Staff |
| **REQ-012** | Search all Staff | Admin |
| **REQ-013** | Delete Staff | Admin |
| **REQ-014** | View Document information | Admin,Staff,User |
| **REQ-015** | Delete Document | Admin |
| **REQ-016** | Upload Document | Admin,Staff,User |
| **REQ-017** | Download Document | Admin,Staff,User |
| **REQ-018** | Search Document | Admin,Staff,User |
| **REQ-019** | Filter Document | Admin,Staff,User |
| **REQ-020** | Print Document | Admin,Staff,User |
| **REQ-021** | Proposal submission | Admin,Staff |
| **REQ-022** | Report | Admin |

| **Requirements Linkage Traceability Matrix** | | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Req ID** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** |
| **1** | - | R | R | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **2** | R | - |  | R | R | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R |
| **3** | R | U | - | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **4** | R | R | R | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **5** | U | R | U | U | - | R | R | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **6** | U | R | U | U | R | - | R | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **7** | U | U | U | U | R | R | - | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **8** | U | U | U | U | R | R | R | - |  |  |  |  |  |  |  |  |  |  |  |  |  | R |
| **9** | U | U | U | U | U | U | U | U | - | R | R | R | R |  |  |  |  |  |  |  |  | R |
| **10** | U | U | U | U | U | U | U | U | R | - | R | R | R |  |  |  |  |  |  |  |  |  |
| **11** | U | U | U | U | U | U | U | U | R | R | - | R | R |  |  |  |  |  |  |  |  |  |
| **12** | U | U | U | U | U | U | U | U | R | R | R | - | R |  |  |  |  |  |  |  |  |  |
| **13** | U | U | U | U | U | U | U | U | R | R | R | R | - |  |  |  |  |  |  |  |  | R |
| **14** | U | U | U | U | U | U | U | U | U | U | U | U | U | - | R | R | R | R | R | R | R |  |
| **15** | U | U | U | U | U | U | U | U | U | U | U | U | U | R | - | R | R | R | R | R |  |  |
| **16** | U | U | U | U | U | U | U | U | U | U | U | U | U | R | R | - | R | R | R |  |  | R |
| **17** | U | U | U | U | U | U | U | U | U | U | U | U | U | R | R | R | - |  |  | R |  | R |
| **18** | U | U | U | U | U | U | U | U | U | U | U | U | U | R | R | R | U | - |  |  |  |  |
| **19** | U | U | U | U | U | U | U | U | U | U | U | U | U | R | R | R | U | U | - |  |  |  |
| **20** | U | U | U | U | U | U | U | U | U | U | U | U | U | R | R | U | R | U | U | - |  |  |
| **21** | U | U | U | U | U | U | U | U | U | U | U | U | U | R | U | U | U | U | U | U | - | R |
| **22** | U | R | U | U | U | U | U | R | R | U | U | U | R | U | U | R | R | U | U | U | R | - |

| **Requirements Source Traceability Matrix** | |
| --- | --- |
| **Req ID** | **Source** |
| **REQ-001** | User interview |
| **REQ-002** | User interview |
| **REQ-003** | User interview |
| **REQ-004** | User interview, Analysis document |
| **REQ-005** | Business requirement, Analysis document |
| **REQ-006** | Business requirement, Analysis document |
| **REQ-007** | Business requirement, Analysis document |
| **REQ-008** | Business requirement, Analysis document |
| **REQ-009** | Business requirement, Analysis document |
| **REQ-010** | Business requirement, Analysis document |
| **REQ-011** | Business requirement, Analysis document |
| **REQ-012** | Business requirement, Analysis document |
| **REQ-013** | Business requirement, Analysis document |
| **REQ-014** | Business requirement, Analysis document |
| **REQ-015** | Business requirement, Analysis document |
| **REQ-016** | User interview, Business requirement, Analysis document |
| **REQ-017** | User interview, Business requirement, Analysis document |
| **REQ-018** | Business requirement, Analysis document |
| **REQ-019** | Business requirement, Analysis document |
| **REQ-020** | User interview, Analysis document |
| **REQ-021** | User interview, Analysis document |
| **REQ-022** | User interview, Analysis document |

| **Requirements Stakeholder Traceability Matrix** | | |
| --- | --- | --- |
| **Requirement ID** | **Rank 1 (lowest importance) – 5 (highest importance)** | **Stakeholder Source (A - Admin,**  **S - Staff, U - User)** |
| **REQ-001** | 5 | A,S,U |
| **REQ-002** | 4 | u |
| **REQ-003** | 3 | A,S,U |
| **REQ-004** | 3 | A,S,U |
| **REQ-005** | 5 | A,U |
| **REQ-006** | 5 | U |
| **REQ-007** | 4 | A |
| **REQ-008** | 4 | A,U |
| **REQ-009** | 4 | A |
| **REQ-010** | 4 | A,S |
| **REQ-011** | 4 | A,S |
| **REQ-012** | 3 | A |
| **REQ-013** | 3 | A |
| **REQ-014** | 5 | A,S,U |
| **REQ-015** | 4 | A |
| **REQ-016** | 5 | A,S,U |
| **REQ-017** | 4 | A,S,U |
| **REQ-018** | 5 | A,S,U |
| **REQ-019** | 4 | A,S,U |
| **REQ-020** | 3 | A,S,U |
| **REQ-021** | 2 | A,S |
| **REQ-022** | 2 | A |