



NovaStack Solutions Pte. Ltd.

Stock Template - Student Feedback Review System

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1. System Features

1.1 Functional Requirements

1.1.1 Role-Based Access Control (RBAC)

1. **FR-AC-01** (from BOR-01): The system shall allow Academic Administrators to assign each user exactly one role (Student, Faculty, Administrator) upon account provisioning.
2. **FR-AC-02** (from BOR-01): The system shall restrict system functions and information access based on the user's assigned role.
3. **FR-AC-03** (from BOR-01): The system shall allow Academic Administrators to create, update, and deactivate user accounts.

1.1.2 User Account Access

1. **FR-AA-01** (from BOR-01.1): The system shall allow authorized users to update their own credentials.
2. **FR-AA-02** (from BOR-01.1): The system shall require identity verification before applying credential changes.
3. **FR-AA-03** (from BOR-01.1): The system shall prevent users from changing their own roles or access privileges.

1.1.3 Administrative Audit Logging

1. **FR-AL-01** (from BOR-01.2): The system shall record administrative actions performed on user accounts and access controls.
2. **FR-AL-02** (from BOR-01.2): The system shall allow each audit record to include the administrator identity, timestamp, and action performed.
3. **FR-AL-03** (from BOR-01.2): The system shall restrict audit log access to Academic Administrators only.

2. Technical Requirements

NIL

3. Other Nonfunctional Requirements

2.1 Security & Privacy

1. **NFR-SP-01:** Password updates shall comply with institutional password complexity and expiry rules.
2. **NFR-SP-02:** Audit records shall be protected against unauthorized modification.

2.2 Compliance & Retention

1. **NFR-CR-01:** Audit log retention shall comply with Etis institutional and regulatory requirements.

2.3 Usability (Account self-service)

1. **NFR-US-01:** Self-service account functions shall expose only credential-related changes and shall not provide any interface that allows modification of roles/privileges.