**TA Management Suite for North University**

### Functional Requirements

#### For TA Applicants

1. User Registration: Ability for TA applicants to register and create profiles.
2. Application Submission: Users can submit TA applications, including uploading CVs.
3. Course Selection: Applicants can choose courses they are qualified to assist with from a given list.
4. Status Check: Applicants can view the status of their applications.

#### For Department Staff

1. Course Management: Ability to enter and update courses that require TAs.
2. Preliminary Matching: Can run algorithms to match TA applicants with courses.
3. Data Review: Can view all TA applications and associated data.

#### For TA Committee Members

1. Application Review: Access to review and make decisions on TA applications.
2. Data Export: Capability to export application data for committee meetings.

#### For Instructors

1. Performance Assessment: Can input performance evaluations of TAs for their respective courses.

### Non-Functional Requirements

1. Security: Role-based access to restrict unauthorized use and secure sensitive information.
2. Scalability: The system should be capable of handling an increasing number of users and data sets.
3. Data Integrity: Measures to ensure data consistency and accuracy.
4. Usability: Intuitive interface to promote user engagement.
5. Response Time: The system should respond to user requests within 2 seconds.
6. Data Backup: Regular backup of all essential data.
7. Notifications: Automated notifications for application statuses and committee decisions.

