# **Collaboration Assignment 3: Software Specifications – Part A**

**Team Members:** Keenan Jones, Khan Ubaid  
 **Assignment Name:** Software Specifications Part A  
 **Due Date:** Oct 4, 2024

**Section 1 – Scribe Report**

* **Meeting Date/Time/Place:** October 2, library NSU BA
* **Meeting Start Time:** 1:30pm
* **Meeting End Time:** 4:00pm
* **Team Leader:** Ubaid
* **Scribe:** Keenan
* **Attendance:**
  + Keenan Jones – Present
  + Khan Ubaid – Present
* **Who Did What:**

**Keenan Jones:**

* + Created three functional requirements (Post Roommate Requests, Request Tutoring Help, Create Club/Business Page).
  + Contributed to the Use Case Diagram for his requirements.
  + Completed his section of the Traceability Matrix.
  + Wrote two Use Case Scenarios (UC1 & UC2) with alternative flows.
  + Scribed the meeting report.

**Ubaid Khan:**

* + Created three functional requirements (RSVP to Events, Send Friend Requests, Post Internships/Jobs).
  + Contributed to the Use Case Diagram for his requirements.
  + Completed his section of the Traceability Matrix.
  + Wrote two Use Case Scenarios (UC3 & UC4) with alternative flows.
  + Led the meeting as Team Leader, ensuring all sections were discussed and integrated.
* **Unfinished Business / Notes:**
* include content moderation in use case diagram

## 

## **Section 2 – Project Document**

### **A. Functional Requirements**

**Keenan’s Requirements:**

1. Students can post roommate requests with details (title, description, price if applicable, and category).
2. Students can request tutoring help in specific subjects.
3. Students can create pages for clubs, societies, or local businesses.

**Khan’s Requirements (to be completed by Khan):**

1. Students can RSVP to events posted on the platform.
2. Students can send and accept friend requests to connect with other students.
3. Students and admins can post internship and job opportunities

### **B. Use Case Diagram**

* Actors: **Student, Admin**
* Use Cases (Keenan’s part):  
  + Post Roommate Request
  + Request Tutoring Help
  + Create Club/Business Page
* Use Cases (Khan’s part): Actors: **Student**
  + Send Friend Request
  + Post Internship/Job
  + RSVP to event



### **C. Traceability Matrix**

| **Requirement (Owner)** | **Use Case(s)** | **Priority Weight (PW)** |
| --- | --- | --- |
| Post Roommate Request (Keenan) | UC1: Create Roommate Post | High |
| Request Tutoring Help (Keenan) | UC2: Request Tutoring | Medium |
| Create Club/Business Page (Keenan) | UC3: Create Page | Medium |
| RSVP to Events (Khan) | UC3: Create Page | medium |
| Send Friend Requests(khan) | UC4: RSVP to Event | high |
| Post Internships/Jobs(Khan) | UC5: Manage Friend Request | high |

### **D. Use Case Scenarios**

**Keenan’s Scenarios:**

#### **UC1 – Post Roommate Request**

* **Main Scenario:**
  1. Student logs in.
  2. Student navigates to “Roommate Requests.”
  3. Student clicks “Create Post.”
  4. Student fills in title, description, price (if applicable), category.
  5. System confirms post created and displays it publicly.
* **Alternative Scenario:**
  1. Student tries to create a post without logging in.
  2. System prompts login before allowing post creation.

#### **UC2 – Request Tutoring Help**

* **Main Scenario:**
  1. Student logs in.
  2. Student navigates to “Help Requests.”
  3. Student selects “Tutoring” option.
  4. Student enters subject and details.
  5. System posts request for others to see and respond.
* **Alternative Scenario:**
  1. Student enters incomplete details.
  2. System prompts: “Please provide all required information.”

**Khan’s Scenarios (to be filled by Khan):**

**UC3 – RSVP to Event**

* **Main Scenario:**

1. Student logs in.

2. Student navigates to the "Events" section.

3. Student browses and selects an event to view its details.

4. Student clicks the "RSVP" button.

5. System confirms the RSVP and updates the event's attendee count.

* **Alternative Scenario:**

1. The event has reached its maximum capacity.

2. The "RSVP" button is disabled, and the system displays a message: "This event is full."

**UC4 – Send Friend Request**

* **Main Scenario:**

1. Student logs in.

2. Student searches for another student using the search bar.

3. Student navigates to the found student's profile.

4. Student clicks the "Send Friend Request" button.

5. System sends a notification to the other student and changes the button to "Request Pending".

* **· Alternative Scenario:**

1. Student tries to send a friend request to someone who is already a friend.

2. The system does nothing and displays the "Friends" status on the profile.