

# SUC and its friends

suc.pdf

suc.drawio (1).pdf

suc.xml

## Use Case Descriptions for StudyBuddy Platform

### Use Case: Login/Register

**Actors:** Student (Tutee), Tutor (Study Buddy)

**Precondition:** The user is on the start screen.

**Main Flow:**

1. The user selects the "Login" option.
2. The user enters their credentials.
3. The system validates the credentials.
4. The system redirects the user to the dashboard.

**Alternative Flow:**

3a. The user does not have an account:

1. The user selects "Nieuwe Account."
2. The system redirects them to the registration form.

3. The user completes the registration form and submits it.
4. The system creates the account and redirects the user to the profile screen.

**Exception Flow:**

2a. The credentials entered are invalid:

1. The system displays an error message.
2. The user is prompted to re-enter their credentials.

[login.xml](#)

[login.drawio.pdf](#)

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## **Use Case: Manage Profile**

**Actors:** Student (Tutee), Tutor (Study Buddy), System Administrator

**Precondition:** The user is logged in and on the profile screen.

**Main Flow:**

1. The user views their profile.
2. The user edits or updates their profile details.
3. The system validates the changes.
4. The system saves the updated profile.

**Alternative Flow:**

2a. The user decides not to make any edits:

1. The user clicks the "Back" button.
2. The system redirects the user to the dashboard.

**Exception Flow:**

3a. The changes are invalid:

1. The system displays an error message, indicating the specific issue.
2. The system retains the current profile details and allows the user to retry.

profmgmt.xml

profmgmt.drawio.pdf

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## **Use Case: Search and Match Study Buddy**

**Actors:** Student (Tutee), Tutor (Study Buddy)

**Precondition:** The user is on the dashboard.

**Main Flow:**

1. The user selects the option to search for a tutor.
2. The user enters search criteria (e.g., subject, availability).
3. The system processes the search and displays matching tutors.
4. The user selects a tutor profile to view detailed information.

**Alternative Flow:**

2a. The user cancels the search process:

1. The user clicks the "Cancel" button.
2. The system redirects the user back to the dashboard.

**Exception Flow:**

3a. No matching tutors are found:

1. The system displays a "No matches found" message.
2. The system prompts the user to refine their search criteria.

search.xml

search.drawio.pdf

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## Use Case: Schedule Study Sessions

**Actors:** Student (Tutee), Tutor (Study Buddy)

**Precondition:** The user is viewing a tutor's profile.

**Main Flow:**

1. The user selects the option to book a session.
2. The user specifies a time slot and submits the request.
3. The system processes the request and sends a notification to the tutor.
4. The tutor confirms the session.
5. The system confirms the appointment and displays it on the dashboard.

**Alternative Flow:**

2a. The user decides to cancel the scheduling process:

1. The user clicks the "Cancel" button.
2. The system retains the tutor's profile view.

4a. The tutor declines the session:

1. The system sends a notification to the user.
2. The system prompts the user to select a new time or a different tutor.

**Exception Flow:**

3a. The system fails to process the session request:

1. The system displays an error message.
2. The user is prompted to retry submitting the request.

session.xml

session.drawio.pdf

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## Use Case: Communicate Securely

**Actors:** Student (Tutee), Tutor (Study Buddy)

**Precondition:** A session is scheduled and confirmed.

**Main Flow:**

1. The user initiates a chat from the dashboard or session details.
2. The system opens the chat interface.
3. The user and tutor exchange messages securely.

**Alternative Flow:**

1a. The user navigates back to the dashboard:

1. The user clicks the "Back" button.
2. The system redirects the user to the dashboard.

**Exception Flow:**

3a. Communication is interrupted:

1. The system displays an error message.
2. The system attempts to re-establish the connection.

comms.xml

[comms.drawio.pdf](#)

## Use Case: Approve Study Buddies

**Actors:** Student Counselor

**Precondition:** A tutor has submitted a request for approval.

**Main Flow:**

1. The counselor views the list of pending approval requests.
2. The counselor reviews the tutor's academic qualifications and details.
3. The counselor approves or rejects the request.
4. The system updates the tutor's status accordingly.

**Alternative Flow:**

3a. The counselor requires additional information:

1. The counselor marks the request as "Pending Additional Info."
2. The system notifies the tutor to provide the necessary details.
3. The request remains on hold until further action is taken.

**Exception Flow:**

2a. The system fails to load the tutor's details:

1. The system displays an error message.
2. The counselor retries loading the request details.

[approve.xml](#)

[approve.drawio.pdf](#)