**Ghulam Anwar’s Part:**

**Use Case UC2:** Authentication and Authorization

**Primary Actor:** User and platform administrators

**Stakeholders and Interests:**

* Users: Interested in securely accessing their account and protecting their personal information.
* Platform Administrators: Interested in maintaining the security and integrity of the platform.

**Preconditions:**

* User must have registered an account.
* User must provide valid credentials.

**Post conditions:**

User is granted access to their account.

**Basic Flow:**

1. User navigates to the login page.

2. User enters their username/email and password.

3. System validates the credentials.

4. If credentials are valid, user is logged in.

**Alternative Flow:**

* User forgets their password and initiates a password reset process.
* User attempts to login with incorrect credentials and is prompted to try again.

**Special Requirements:**

Implementation of secure authentication mechanisms (e.g., hashing passwords).

**Technology and Data Variation List:**

* Database for storing user credentials.
* Encryption technology for securing user data during transmission.

**Frequency of Occurrence:**

Occurs whenever a user wants to access their account.

**Open Issues:**

1. Implementation of multi-factor authentication.
2. Handling of forgotten passwords.