

Use Case 1: User Registration

- Primary Actor: New User
- Description: A new user registers for the LegalGen.AI platform by providing their email address and creating a password.
- Precondition: User is not registered on the platform.
- Postcondition: User is registered and has an account on the platform.

Use Case 2: User Login

- Primary Actor: Registered User
- Description: A registered user logs into the LegalGen.AI platform using their email address and password.
- Precondition: User is registered on the platform.
- Postcondition: User is logged into the platform and has access to their account.

Use Case 3: Reset Password

- Primary Actor: Registered User
- Description: A registered user requests a password reset after forgetting their password.
- Precondition: User is registered on the platform.
- Postcondition: User receives a password reset link via email and can reset their password.

Use Case 4: Create Research Book

- Primary Actor: Registered User
- Description: A registered user creates a new Research Book for a specific case.
- Precondition: User is logged into the platform.
- Postcondition: A new Research Book is created for the user.

Use Case 5: Add Information to Research Book

- Primary Actor: Registered User
- Description: A registered user adds legal information to the Research Book, such as Acts and Sections, Court and Procedures, Relevant Facts, Statistics, Supporting Material, and Full Judgments.
- Precondition: User is logged into the platform and has a Research Book.
- Postcondition: Legal information is added to the Research Book.

Use Case 6: Edit/Delete Information in Research Book

- Primary Actor: Registered User
- Description: A registered user edits or deletes information within the Research Book.
- Precondition: User is logged into the platform and has a Research Book with information.
- Postcondition: The specified information in the Research Book is edited or deleted.

Use Case 7: Search Legal Documents

- Primary Actor: Registered User
- Description: A registered user searches for legal documents using the Advanced Search Interface.
- Precondition: User is logged into the platform.
- Postcondition: User receives search results based on the provided keywords.

Use Case 8: Interact with AI-powered Chat Interface

- Primary Actor: Registered User
- Description: A registered user interacts with the AI-driven chat interface to ask questions or receive assistance with their research tasks.
- Precondition: User is logged into the platform.
- Postcondition: User receives accurate and relevant responses from the AI-driven chat interface.

Use Case 9: Share Research Book

- Primary Actor: Registered User
- Description: A registered user shares their Research Book with other users.
- Precondition: User is logged into the platform and has a Research Book.
- Postcondition: The Research Book is shared with the specified users.

Use Case 10: Filter Search Results

- Primary Actor: Registered User
- Description: A registered user filters search results based on criteria such as document type, jurisdiction, and date.
- Precondition: User is logged into the platform and has performed a search.
- Postcondition: Search results are filtered based on the specified criteria.

Use Case 11: View and Access Research Book

- Primary Actor: Registered User
- Description: A registered user views and accesses their Research Book or a shared Research Book.
- Precondition: User is logged into the platform and has a Research Book or has been granted access to a shared Research Book.
- Postcondition: User is able to view and access the Research Book.

Use Case 12: Log Out

- Primary Actor: Registered User
- Description: A registered user logs out of the LegalGen.AI platform.
- Precondition: User is logged into the platform.
- Postcondition: User is logged out and disconnected from their account.

Use Case 13: Update User Profile

- Primary Actor: Registered User
- Description: A registered user updates their profile information, such as name, organization, and contact details.
- Precondition: User is logged into the platform.
- Postcondition: User's profile information is updated.

Use Case 14: Change Password

- Primary Actor: Registered User
- Description: A registered user changes their account password.
- Precondition: User is logged into the platform.
- Postcondition: User's password is changed.

Use Case 15: Organize Research Book Content

- Primary Actor: Registered User
- Description: A registered user organizes the content within their Research Book, such as rearranging sections or categorizing information.
- Precondition: User is logged into the platform and has a Research Book.
- Postcondition: The content in the Research Book is organized according to the user's preferences.

These use cases can be utilized to create a use case diagram for the LegalGen.AI platform, providing a visual representation of the interactions between users and the system.