**1. User Authentication**

* **CustomUser** (already exists): Handles registration, login credentials, and OTP management.
* **UserProfile** (already exists): Stores user details like username, email, bio, and profile picture, linked to CustomUser by a foreign key.

**2. Book Management**

* **Book**
  + id (PK): Unique identifier for each book.
  + title: Title of the book.
  + author: Author of the book.
  + genre: Genre of the book.
  + publication\_year: Year the book was published.
  + cover\_image: URL/path for the book cover image.
  + average\_rating: Calculated field based on ratings from BookReview.
* **BookSubmission** (optional, for admin approval)
  + id (PK): Unique identifier.
  + book\_id (FK): References Book.
  + submitted\_by (FK to CustomUser): User who submitted the book.
  + status: Status of approval (e.g., Pending, Approved, Rejected).
  + submitted\_on: Timestamp of submission.

**3. Review System**

* **BookReview**
  + id (PK): Unique identifier.
  + book\_id (FK): References Book.
  + user\_id (FK to CustomUser): User who posted the review.
  + rating: Rating (1-5).
  + title: Title of the review.
  + body: Body of the review.
  + created\_on: Timestamp of creation.
  + updated\_on: Timestamp of last update.
* **ReviewComment**
  + id (PK): Unique identifier.
  + review\_id (FK to BookReview): References the reviewed book.
  + user\_id (FK to CustomUser): User commenting on the review.
  + comment: Text content of the comment.
  + created\_on: Timestamp of creation.

**4. Reading Lists**

* **ReadingList**
  + id (PK): Unique identifier.
  + user\_id (FK to CustomUser): References the user.
  + name: Name of the reading list (e.g., "Favorite Books", "Currently Reading").
  + created\_on: Timestamp of creation.
* **ReadingListBook**
  + id (PK): Unique identifier.
  + reading\_list\_id (FK to ReadingList): References the reading list.
  + book\_id (FK to Book): References the book in the list.
  + status: Status within the list (e.g., Read, Currently Reading, Want to Read).

**5. Discussion Forum**

* **DiscussionThread**
  + id (PK): Unique identifier.
  + title: Title of the discussion thread.
  + created\_by (FK to CustomUser): User who created the thread.
  + genre (optional FK to Genre if genres are dynamic): Genre of the thread (e.g., Book Clubs, specific books).
  + created\_on: Timestamp of creation.
* **ThreadComment**
  + id (PK): Unique identifier.
  + thread\_id (FK to DiscussionThread): References the discussion thread.
  + user\_id (FK to CustomUser): User commenting in the thread.
  + comment: Text of the comment.
  + created\_on: Timestamp of creation.