

**CS 4332**  
**Group 4 Round Rock**  
**Midterm Report**

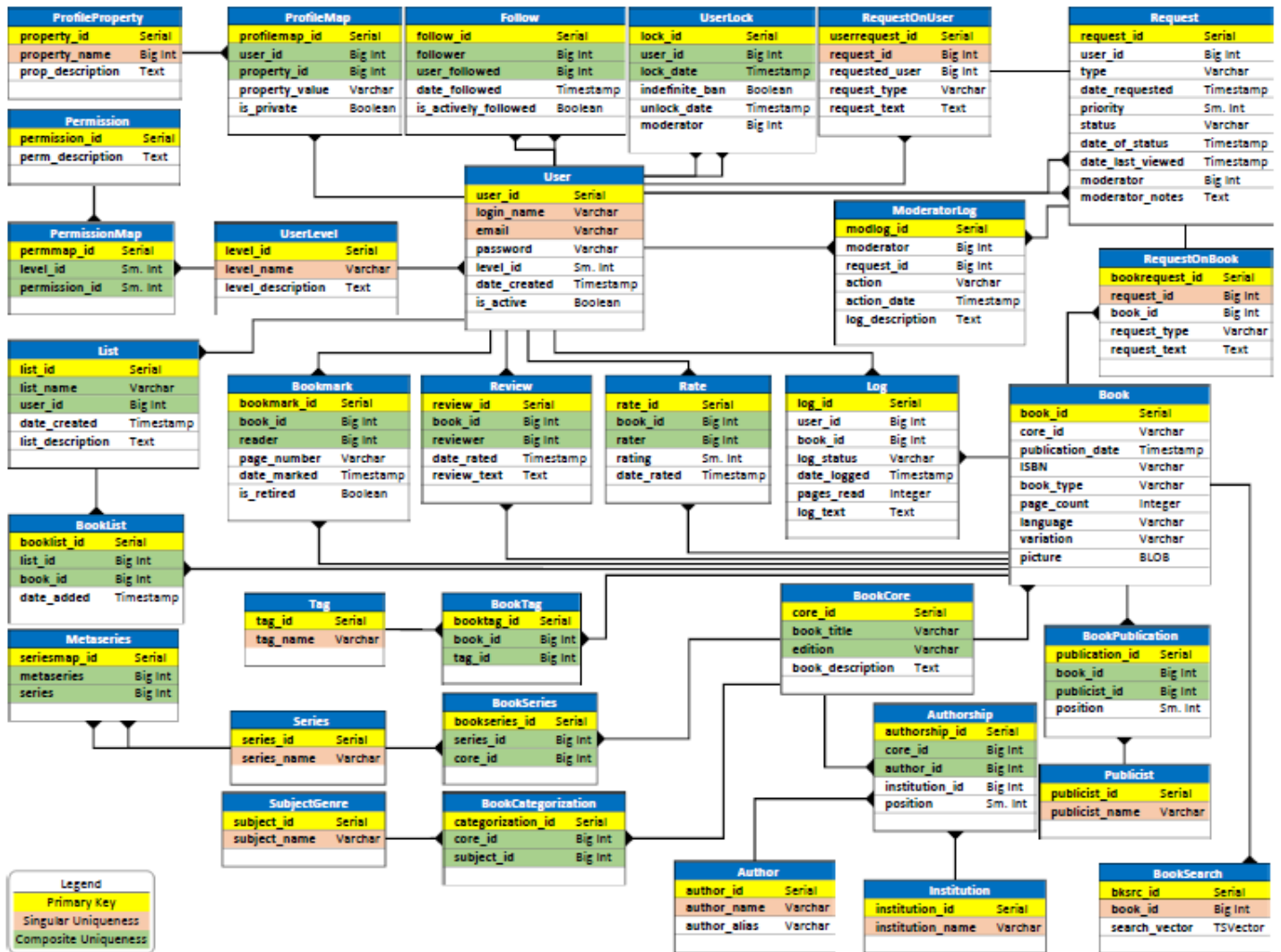
**Robert Preston**

**Luis Pena**

**William Howland**

**Jeffrey Hogan**

## Revised Data Model



# Indexes

Table	Field	
bookcore	book_title	
tag	tag_name	
list	list_name	
series	series_name	

## Pages

- **URL:** /user/<uid>  
**Description:** GET: Displays the profile page for a given user, or if no “uid” provided the current user.  
POST: Updates the current user’s profile information with the information included in the passed post data  
**Status:** Not started
- **URL:** /search/?q=”book title”  
**Description:** Search results page for multiple fields/tables; books, book collections, and users.  
**Status:** Not started
- **URL:** /search/[books|users|collections]/?q=”query”  
**Description:** Search results page with search results restricted to a particular group of data.  
**Status:** Not started
- **URL:** /book/<bid>  
**Description:** GET: Information page for a particular book. Selected listings of reviews, collections that contain that book, etc.  
POST: update certain details of the current user’s information regarding selected book: bookmark (current page number, etc.), reading log, etc.  
**Status:** Not started
- **URL:** /book/[series|publisher|author]  
**Description:** May have additional URLs to sort books by various metadata  
**Status:** Not started
- **URL:** /book/reviews/<rid>  
**Description:** If rid is provided, display that particular review. If no rid is passed then display a selected listing of all reviews for the book.  
**Status:** Not started
- **URL:** /book/reviews/add/<bid>  
**Description:** Form to add a new review for book with bid  
**Status:** Not started
- **URL:** /book/rating/add/<bid>  
**Description:** URL post data is submitted for adding a rating to a post by the current user. May be rolled up under /book generally.  
**Status:** Not started
- **URL:** /request/book/<bid>  
**Description:** GET: displays any open user requests on the passed book ID. Post: Page to submit requests for certain tasks: reviews, updates to book content.  
**Status:** Not started
- **URL:** /follow/<uid>  
**Description:** Shows list of a users current followers, if current user is not following “uid” then also displays option to follow them.. If no “uid” is provided, shows the current

user's followers.

**Status:** Not started

- **URL:** /tag/<tid>

**Description:** Listing of select of books with matching tag and collections with book(s) associated with that tag

**Status:** Not started

- **URL:** /moderate/user/<uid>

**Description: GET:** Moderator panel used to review current user account status. If no "uid" is provided, shows list of current requests in place awaiting action.

**POST:** Updates select user's or request's status with the posted details.

**Status:** Not started

- **URL:** /moderate/book/<bid>

**Description: GET:** Moderator panel used to manage selected book's information. If no "bid" is provided, shows list of current book requests in place awaiting action.

**POST:** Updates select user's or request's status with the posted details.

**Status:** Not started

- **URL:** /user/logoff

**Description:** Ends user's current login session

**Status:** Not started

- **URL:** /user/login

**Description:** GET: Provides login form for user. POST: received and authenticates login data

**Status:** Not started

## Custom Feature

Web application will include the ability to have varying amounts of access to the system based on a user's access "level". Tentatively this information would be stored in an UserLevel table that would store an integer representation of the permissions available to that user. In its most basic implementation, we can foresee at least three levels to begin with: 1:Normal, 2:Moderation, 3:Administrator. As an extension of this feature there will also be detailed logs kept of elevated user actions and an avenue to disable (either temporarily or permanently) user accounts by moderators.

The main usage of this feature by general users will be the ability to submit requests to moderation staff. For instance if updates are required to a book's information or if another user is carrying out inappropriate behavior. There would then be various access points where a moderator would be able to review the queued requests and take appropriate actions.