

Design Document for Book/Movie Recommendation Website

Team Name: SharingIsKaring

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Project Manager: Shafali Gupta

APIs Being Used: Google Books, OMBD, Open Library, TasteDive

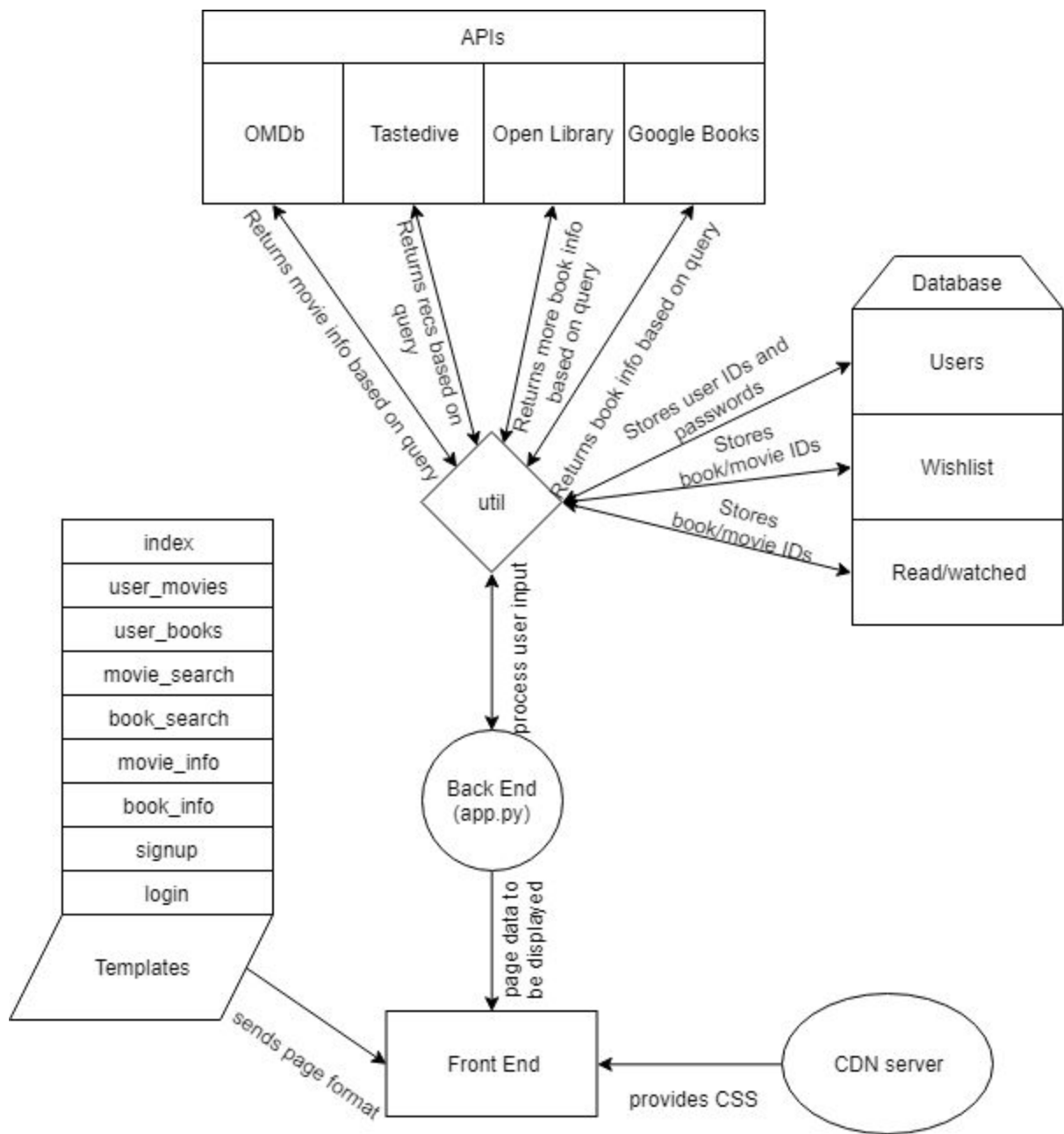
OVERVIEW OF COMPONENTS

- (/): When a registered/non-registered user enters, they land on the homepage
 - Displays “Logged in as <username>” if logged in, else provides input for login on top
 - Search bar for searching books or movies by title
 - Navigation bar
 - Displays book and movie recommendations based on user lists
- (/signup): If user is logged in, redirect them to (/)
 - Register for account with username and password
 - Password will be hashed
- (/login): sign into an account
- (/movie_search): displays results for search query provided
- (/book_search): displays results for search query provided
- (/bookwish): Displays books the user wants to read
- (/bookRead): Displays books the user has already read
- (/moviewish): Displays movies the user wants to watch
- (/movieWatched): Displays movies the user has already watched
- (/movie_info/<int:movieID>) Page for a specific movie
 - Provides information about the movie
- (/book_info/<int:bookID>) Page for a specific book
 - Provides information about the book

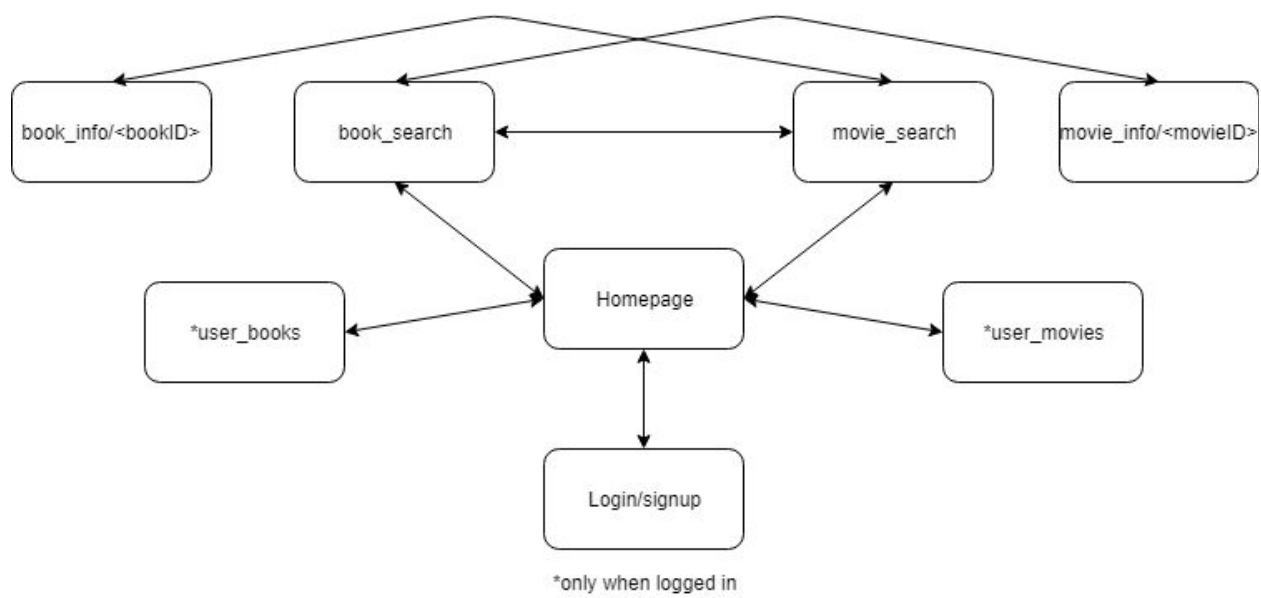
DIVISION OF WORK

Shafali	flask routes, API handling
Jabir	database , util functions for DB, book info, movie info
Karen	HTML, CSS (Bootstrap), account management, book and movie list

COMPONENT MAP



SITE MAP



DATABASE SCHEMA

Users			Wishlist		
userID	username	hashed password	userID	title	type

Wishlist		
userID	title	type