

Service Layer and Endpoints

Crochet Mode is designed as a simple interface in order to make the process of learning to crochet easy for people of all ages and skill level. There is a simple form for the sign up and log in pages that connect to the User table in the database. The sign up page will connect through every aspect of the user table which is userID (this will be assigned automatically), username, first name, last name, email, create datetime, favorites, and password. The log in page will connect to the User table as well but will only require the username and password elements from the database. In keeping the interface simple, there is essentially one structure that is used for each content type page since the same database tables are used on all of them. The REST endpoints are /tutorials, /patterns, and /tips&tricks. From these rest points a user can pick which content specific page they want to go to, for example a specific tutorial, pattern, or tip. The specific content pages are connected to the database through the category table which holds a category ID to the content, the content table which holds the details for the content, the favorite table which allows users to favorite content, and the post table which allows users to comment on the content through a comment form.

Below are the diagrams for the content driven pages:







