**Coolio Posts - System Design**

Story: 1

**Creating a post.**

The user sends a POST request to the posts service with the username and other post-info.

To create a post, the posts service must send an async rest call to the Coolio service with the username. An end point must be created in the Coolio service which returns a positive or negative response for the availability of a particular user (The user that sent the request) in the Coolio-oauth2 service’s database.

If the response is affirmative, create a post with the username (mandatory) and other post details.

The Likes column carries only the number of likes. The comments will contain a list of comment ids.

A new table need to be created for comments with the comment id as the primary key so that it could be used as a foreign key in the post-comment section. When a post is retrieved, it must be made sure that the comments section must have both the comment id and the actual comment and not just the comment id.