

Blog web app

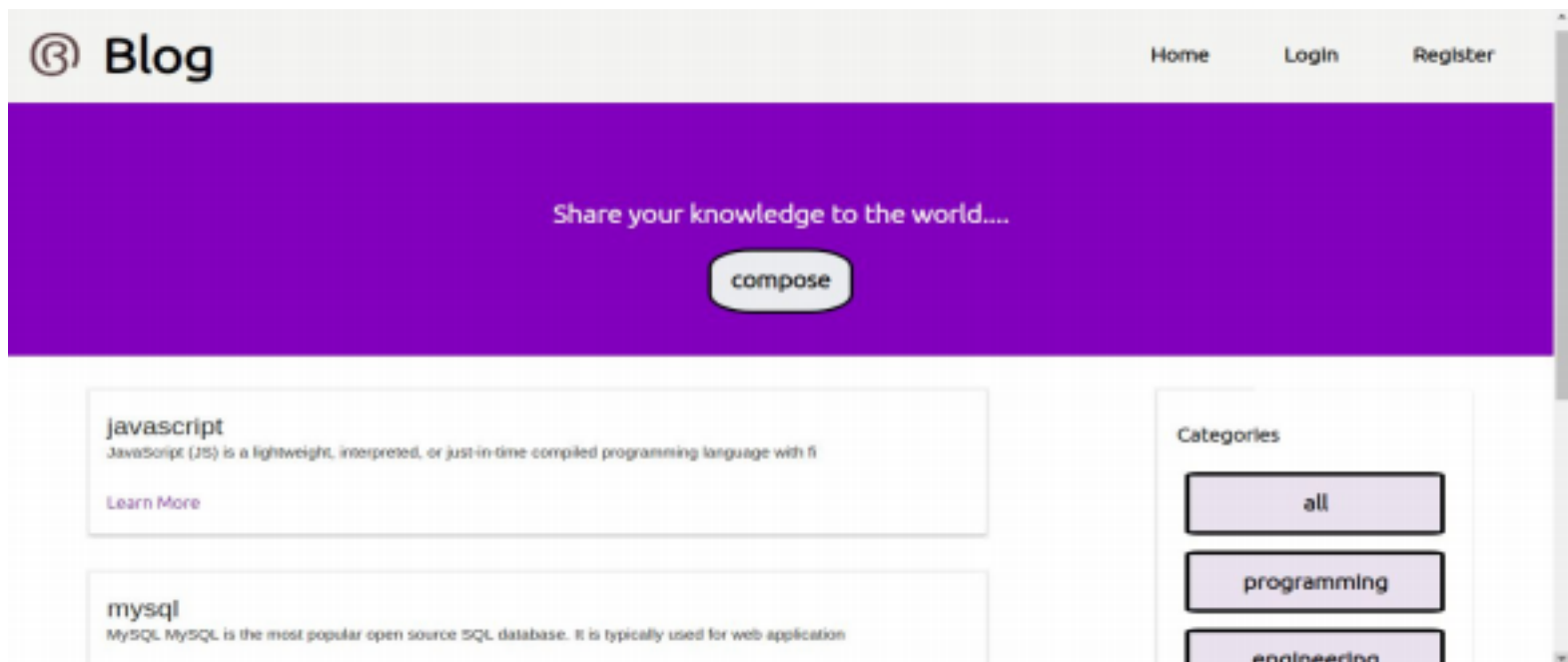
Overview

This web application is developed using - node.js (express) as backend server , mysql as database and react.js as frontend technologies. This project's backend is a REST api, it serves the http request and sends back the JSON format data . For authorization JWT (JSON WEB TOKENS) is used which will be stored in a cookie. server gets connected with the Mysql server , Mysql serves the queries and send's Back the data to the server . This application's frontend is completely client side rendering . The request to the server is sent through ajax (Asynchronous javascript and XML http request) then JSON format data is received accordingly and the UI is maintained.

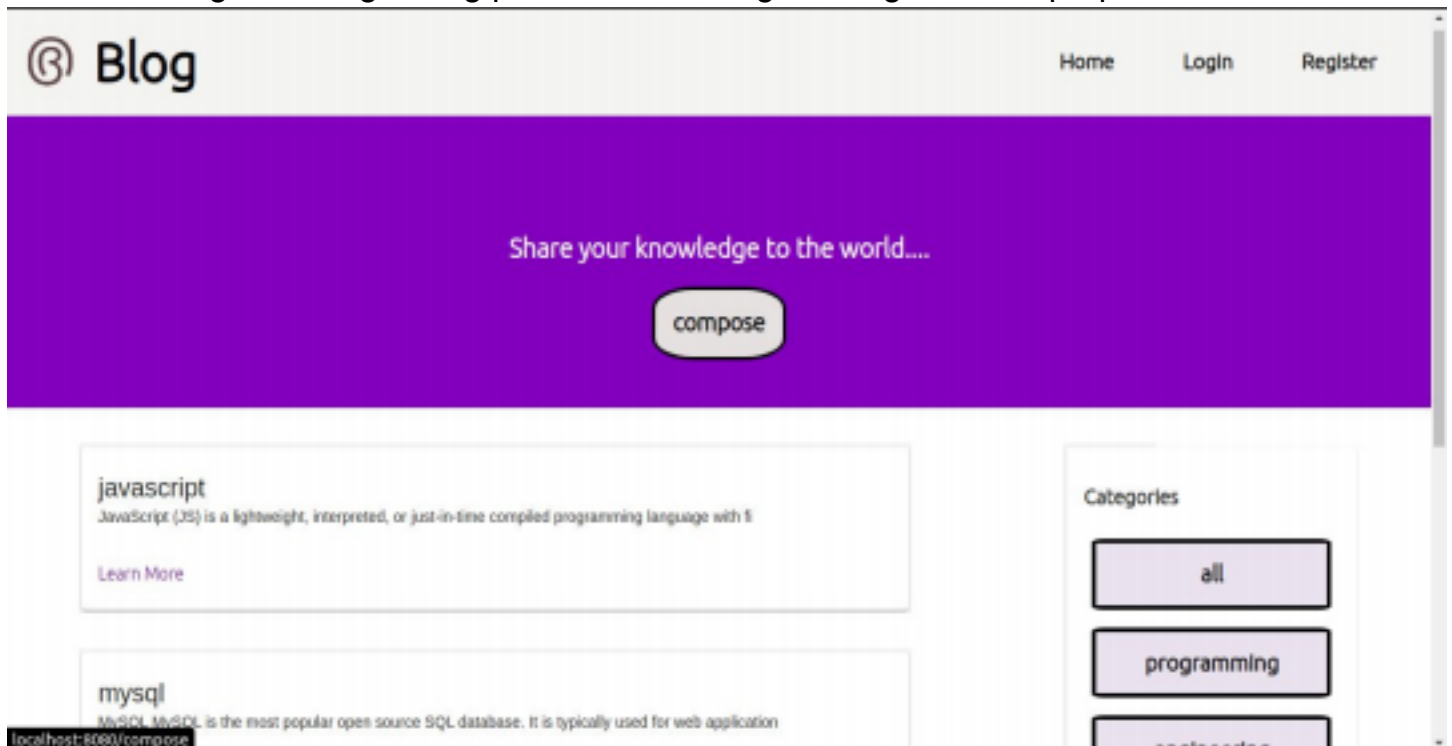
The various functionalities implemented in the project :

- Users can read and write blogs.
- Users should login or register for reading and writing blog posts.
- Users can express their views of a blog post by posting comments.
- Blog Posts are shown category wise.

Home page UI




Before reading or writing a blog post user must login or register with proper credentials.



Please Login or Register

Login UI

 Blog

localhost:8080 says
success...

OK

Login

User name*
manish

Password*

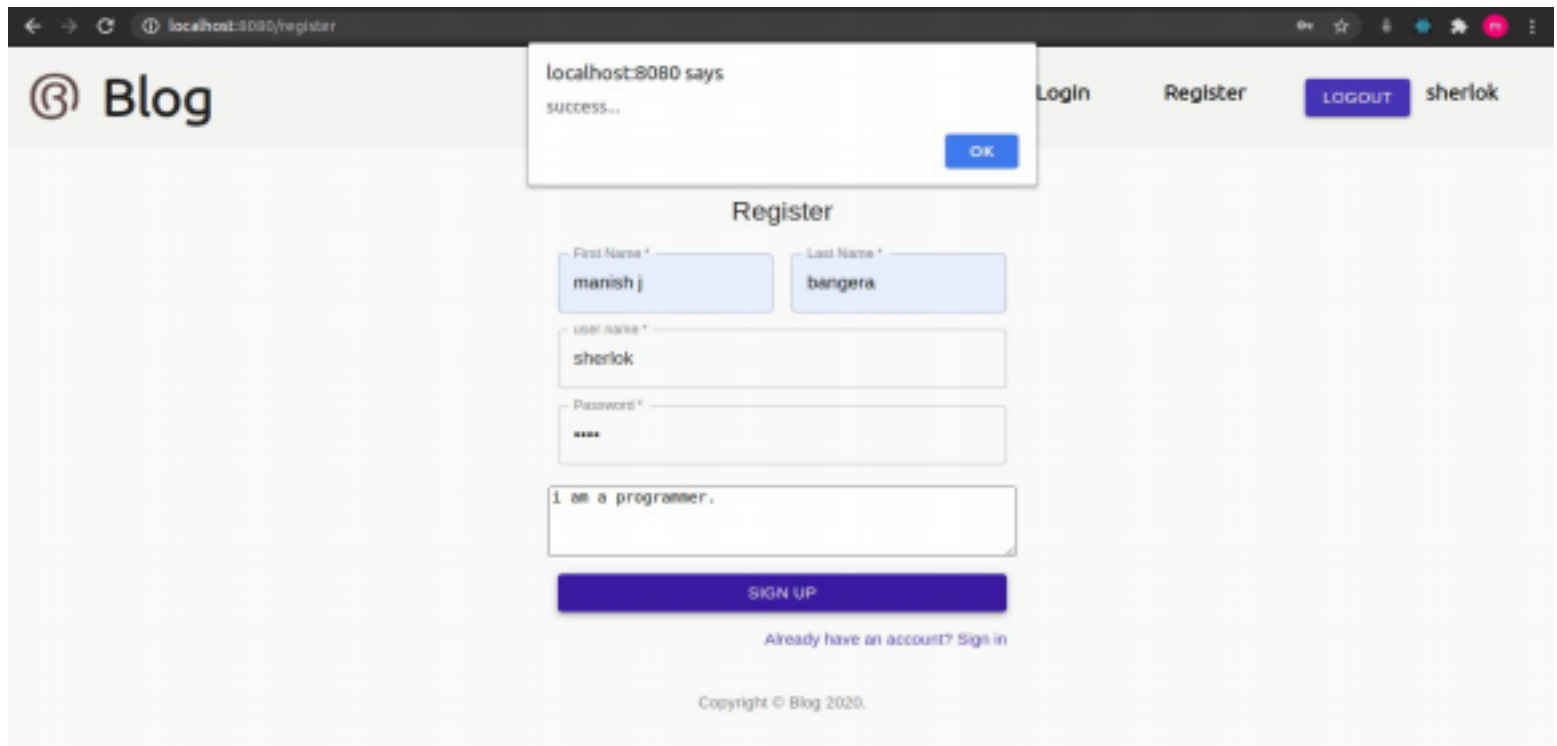
LOGIN

Don't have an account? register

Copyright © Blog 2020.

Login Register LOGOUT manish

Register UI



After login, the user can compose a blog post by clicking the compose button. It asks the title , category and content of the blog post and the user should press the submit button after filling the attributes to post the blog and the blog post gets saved in the database. After posting the blog post it will get rendered on the home page and can be shown according to its category. Users should press learn more button to read the whole content of the blog post . and user can express Their views of the blog post by posting comments.User can submit comments by clicking submit button . immediately the comment gets rendered and gets saved in the database.

Posting a Blog post

← → ↻ ⓘ localhost:8080/compose

localhost:8080 says
successfully posted
OK

Blog

login Register LOGOUT sherlok

Title

Java

Category

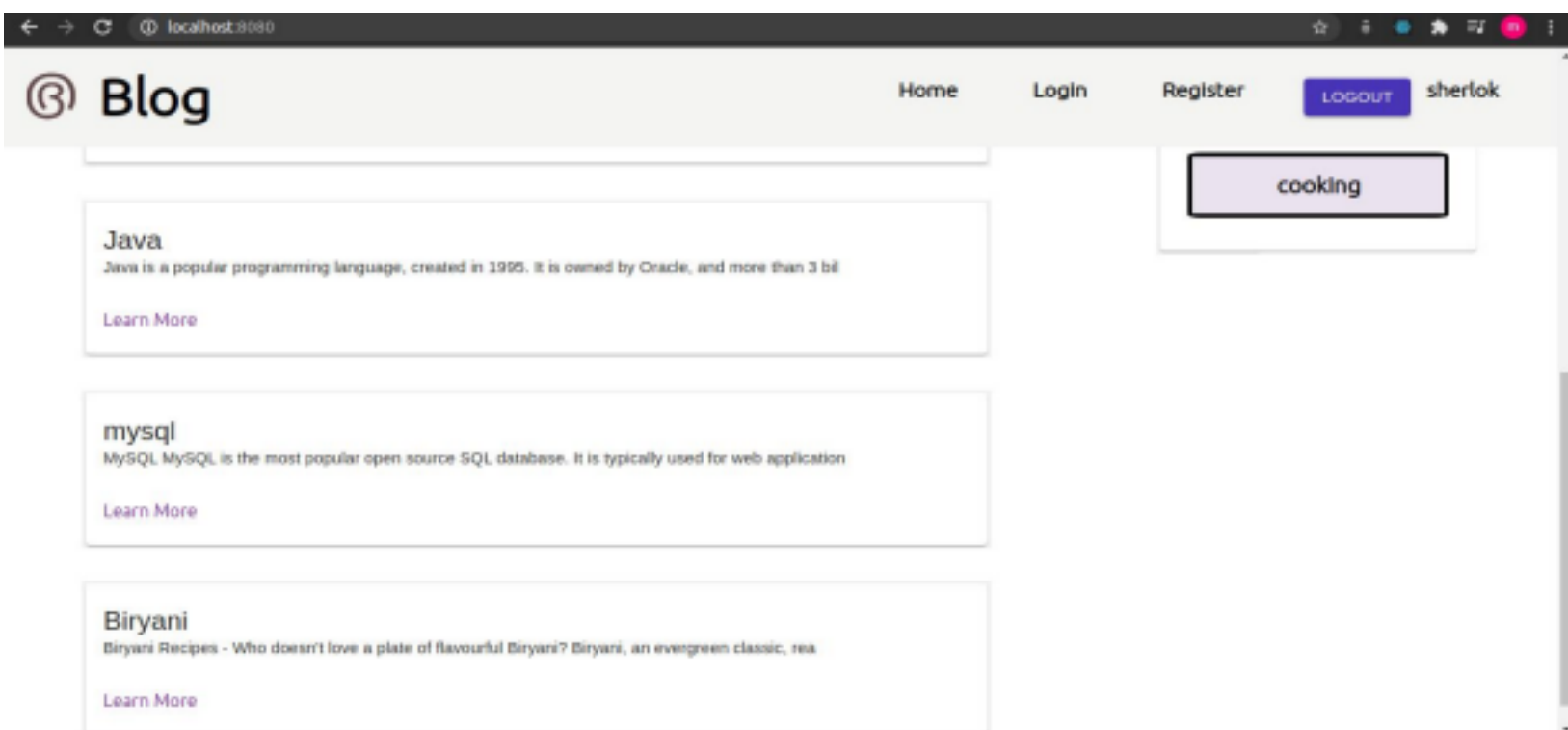
programming

Content

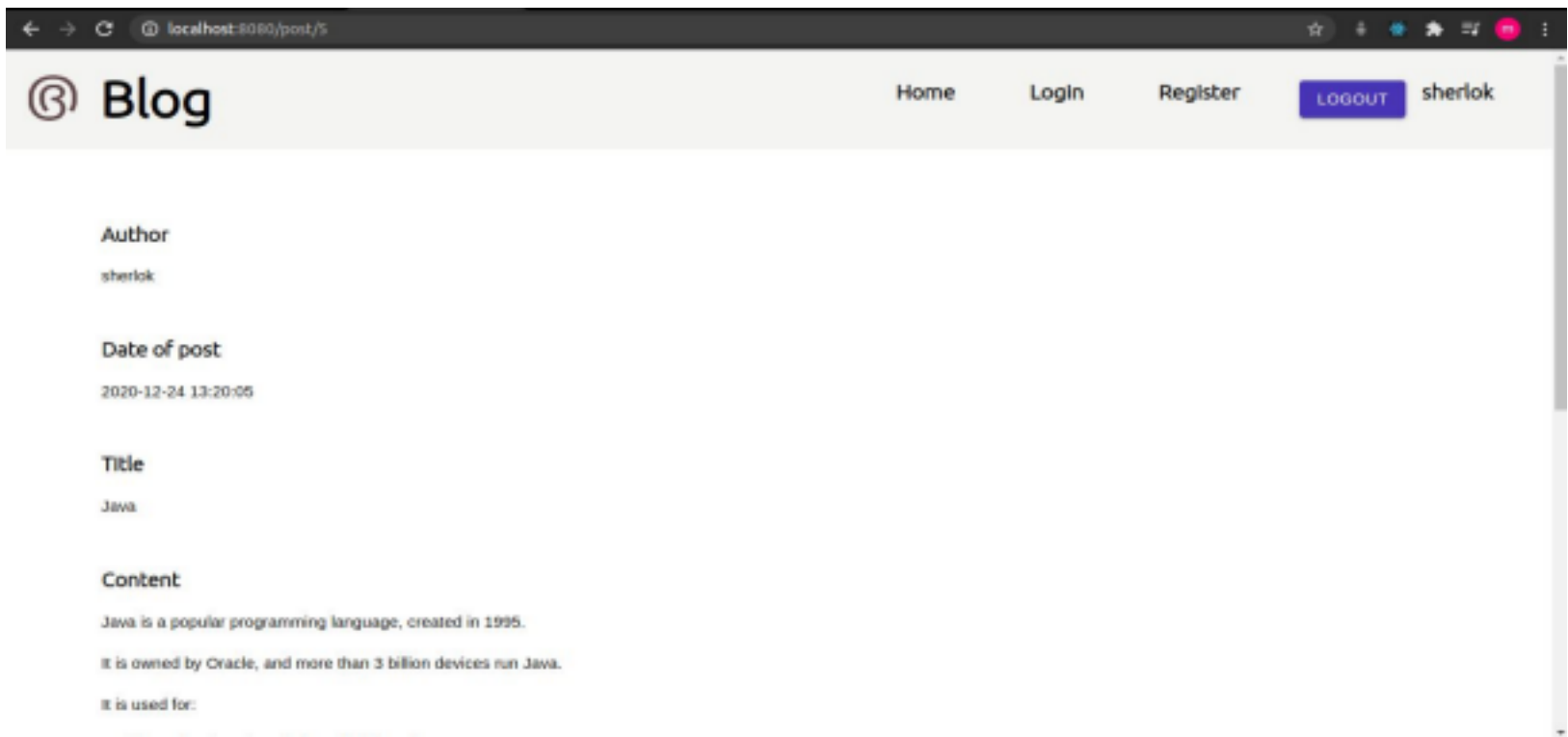
Java is a popular programming language, created in 1995.
It is owned by Oracle, and more than 3 billion devices run Java.
It is used for:
Mobile applications (specially Android apps)
Desktop applications
Web applications
Web servers and application servers
Games
Database connection
And much, much more!

SUBMIT

Rendered in home page



After Clicking Learn more button





sherlok

And much, much more!

SUBMIT

Expressing views by commenting



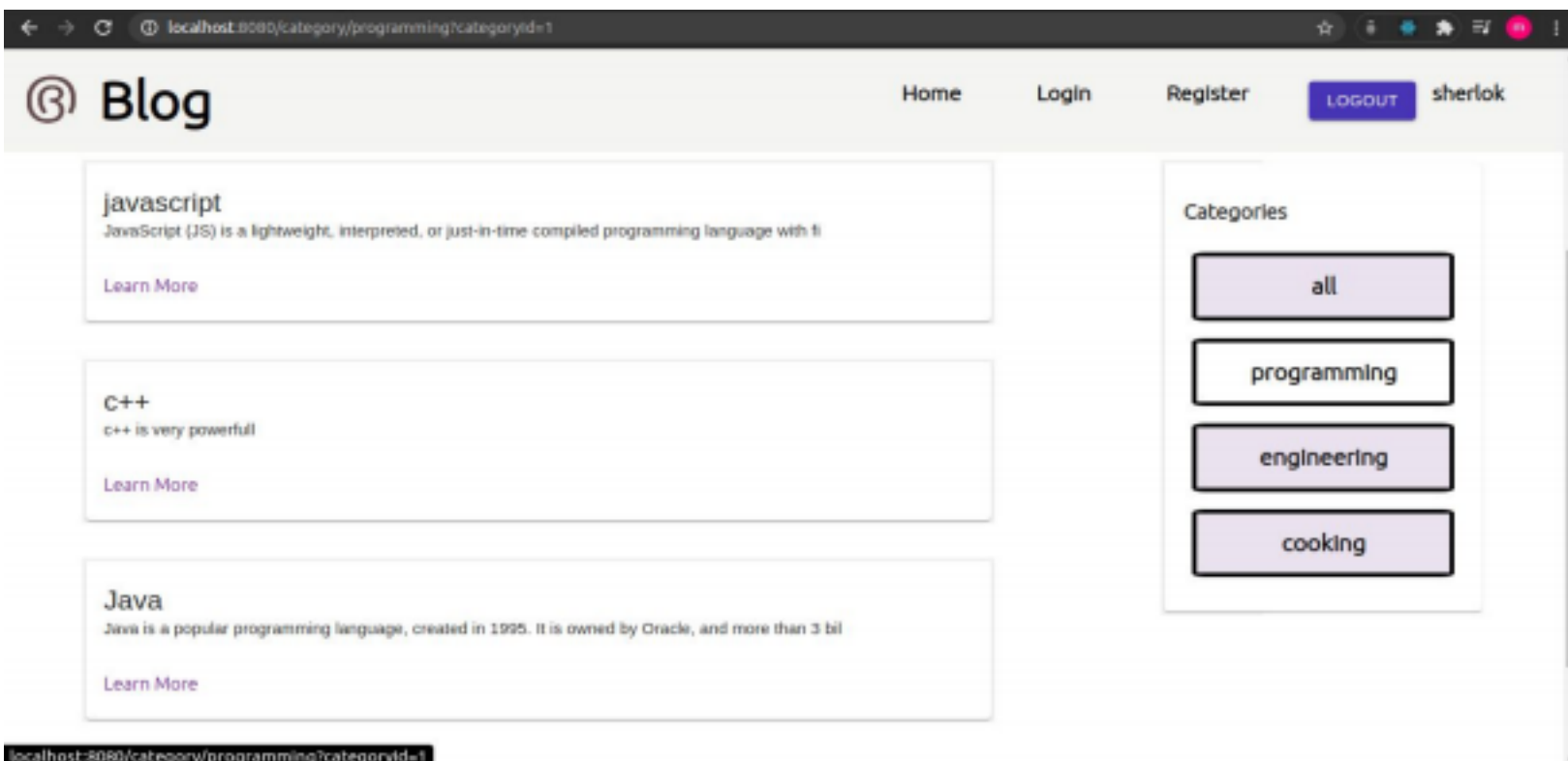
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And much, much more!

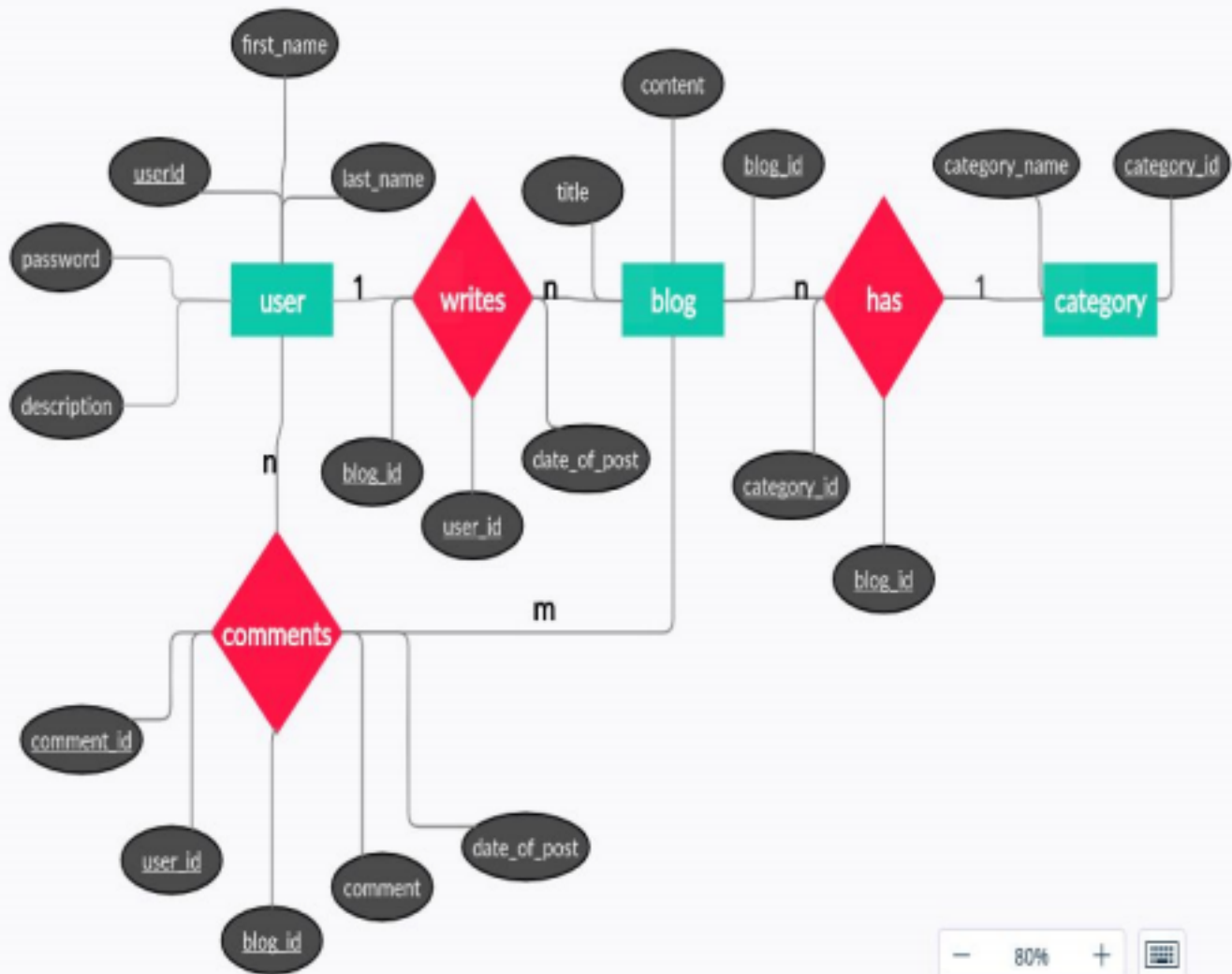
SUBMIT

sherlok 2020-12-24 13:38:49
nicely done.

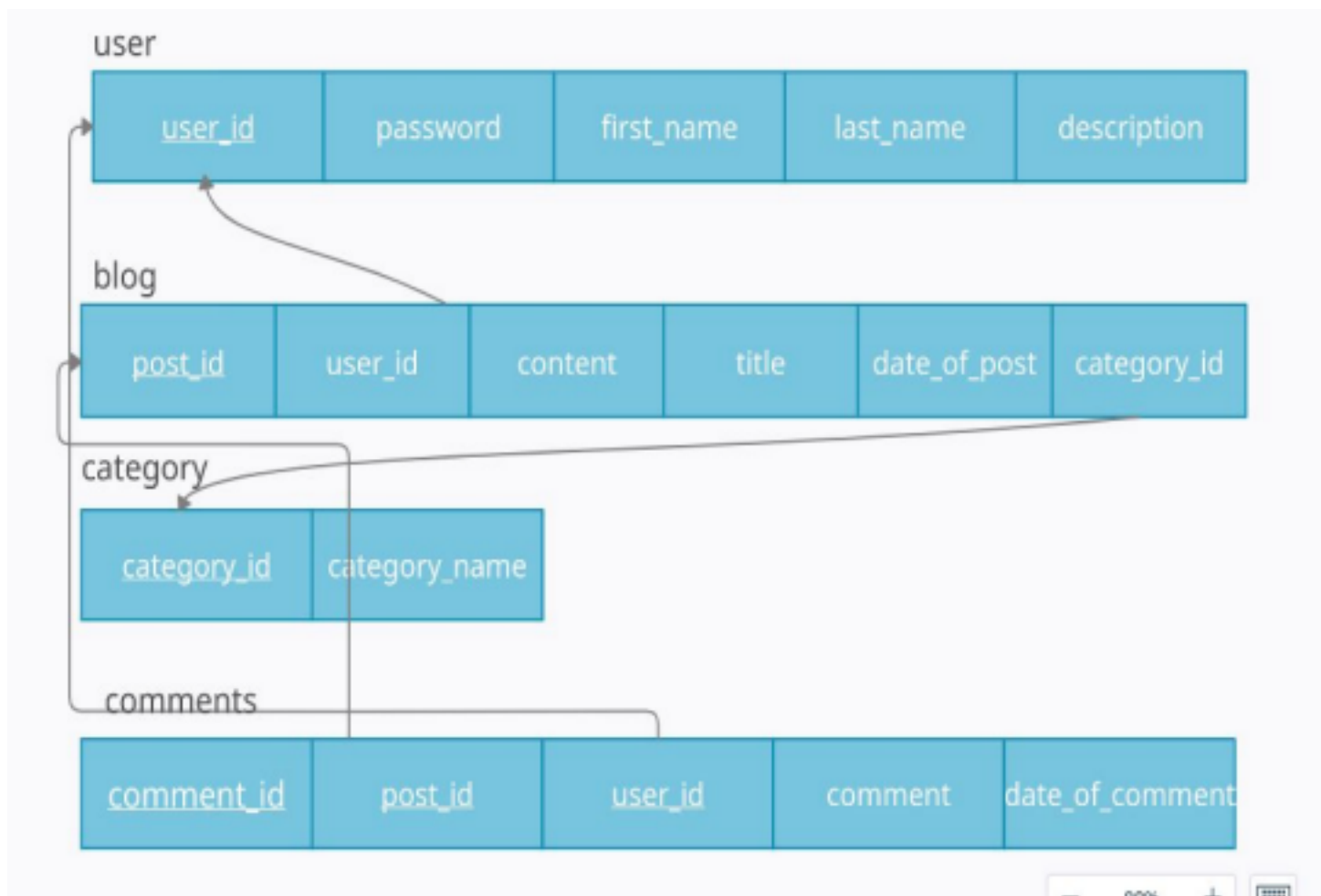
Showing posts according to category wise



Er - Diagram



Relational Schema



Thank you