

CS3103 Project Submission B

Stored Procedure Dictionary and ERD

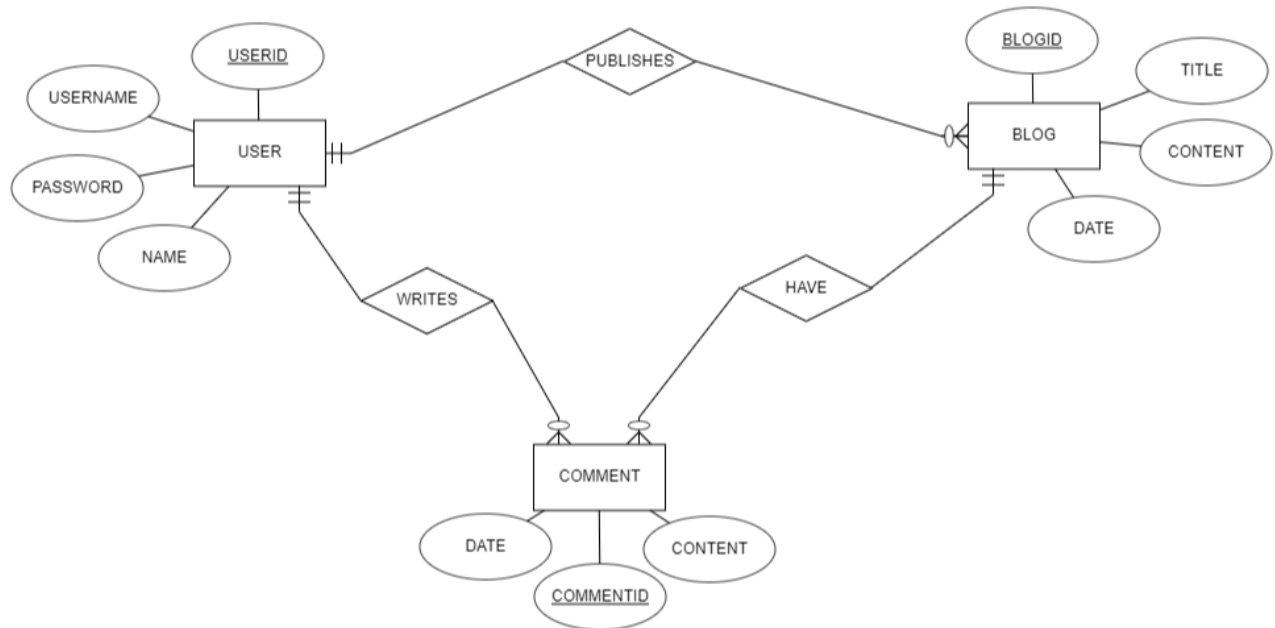
Multi-User Blog Webpage

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Database ERD



Stored Procedures

addUser: (outside project scope)

This procedure takes in user data (username, password, first and last name), and it creates the user in the database assigning the user a unique ID.

addBlog:

This procedure adds new blog to the database for the registered user. It will take in data (title, contents, author) for the new blog and assign it a unique blog ID and stores it in the database.

removeBlog:

This is used to remove a blog. It will remove the blog with the unique blog ID that we pass in as parameter. Also removes all the comments that were written on that blog.

editBlog:

This procedure is used to edit a pre-existing blog in the database. It will take in unique blog ID and updated content. It will update the comment for that blog ID.

editBlogContent:

This procedure is used to edit the content of the blog.

editBlogTitle:

This procedure is used to edit the title of the blog.

addComment:

This procedure adds the comment to the database. It will take the data (content, author, blog) and assign it a unique comment ID and store it in the database.

removeComment:

This procedure is used to delete comment from the database. It takes in a unique comment ID and removes the comment from the database with that comment ID.

editComment:

Used to edit the pre-existing comment in the database. It will take in unique comment ID and updated content. It will update the comment for that comment ID.

getBlogs:

This procedure returns all the blogs from the database. This will be used to populate the home page showing all the blogs in the database.

getCommentsByBlog:

This procedure returns comments for a particular blog from the database. It will take in blog unique ID and return all the comments for that blog.

getBlogsByUser:

This procedure is used to get all the blogs for a particular user. It will take in users unique ID and return all blogs for that user.

getBlogsById:

This procedure is used to get a particular blog. It will take in a blog ID and return the content.

getUserWithUsername:

This procedure returns the userId for the username we pass in as parameter

getTotalComments:

This procedure returns the total number of comments in the database.

getTotalBlogs:

This procedure returns the total number of blogs in the database.