Bryce Hall

Professor Pettitt

Database Management Systems

April 26, 2023

Project 3

For my project I chose to follow my project 2 and complete the twitter database by
adding the front end. This was challenging because I'm not very familiar with any of the
languages that can communicate with mysql. This meant that I had to choose when and become
familiar with it. For my project I chose to use php, html, and css as the languages I would use.
Php would be used to communicate with mysql and run the queries. Then html and css for the
look of the website interface. For the project I also had to use XAMPP which is a web server that
allowed me to use apache to host the website. This was needed because it has php built into it so
it could seamlessly run my php files. To start I had to think about what the look of the real twitter
is like and picture how I can follow that while implementing all the functions we had from the
previous project. I started with a homepage that would show a user's timeline and allow them to
post a tweet. Then added buttons under the tweets for favoriting and retweeting. I also added
buttons at the top of the screen for more functionality. These buttons are for the homepage,
profile page, user list, and logout. The profile page shows the user that is logged in, their tweets,
and the number of followers/the number of people they are following. The user list is a list of all
the users in the database except the one logged in. This list has a button next to each user that
allows you to follow that specific user or unfollow that user. Then the logout button sends you
back to the login page. The login page also has a button that sends you to a page to create a user

if you don't already have one. That is all the functionality of the website and it is as detailed as I could make it.