Grant Scott, Zac Zajdel, and Jonah Downs

COSC 365

9 May 2019

COSC 365 Final Project

For our group’s final project, we used made a website called Newsly. This website fetches the latest news stories and allows users to visit the original site and comment on them. The components that we used for this are HTML, CSS, Bootstrap, JavaScript, Firebase for our database, and News API for our API. The project has a couple different components. First, we have a login system. What we have is a create account page which also uses JavaScript. It communicates with Firebase to see if the account has an invalid email, email already in use, weak password, or if the passwords don’t match. In these cases, it will throw an error and alert the user. Otherwise, it posts to Firebase. For login, it checks Firebase to see if the user exists, if there is an invalid password, or if the email is invalid. If any of these are the case, it will throw an error and alert the user. Otherwise, it creates a session through Firebase and logs the user in. For logout, it destroys the session through Firebase. The main page uses JavaScript to get the API key for News API and send the results to the index page. From there, if you check out the comments you can post comments on the story. When posting comments, they are stored in JSON form, and once posted will be uploaded to Firebase. Each article will have the comment “This article was sourced using newsapi.org.” When viewing comments, the JavaScript file pulls comments from a story from our Firebase and displays them under the article in the post file.





