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Section 2

Assignment 7

10/28/20

READ ME

The purpose of this assignment is to create an application that browses the internet using a WebView while using two fragments. The first fragment at the top of the screen is PageControlFragment that takes in user input for a URL that will trigger the WebView in the second fragment, PageViewerFragment, which takes up the rest of the screen. The PageControlFragment corrects malformed URLs that do not consist of “https://” at the beginning while updating the URL after the PageViewerFragment loads the page as well as in the case where the user clicks on another link within the WebView. The PageControlFragment consists of a “back” button and a “next” button that will load the history of user URL input while retaining the web browsing history when the activity restarts. The WebView also remains intact when the activity restarts. Both fragments establish consistent communication using two interfaces that pass information from the original fragment to the activity for the activity to pass information to the other fragment.



