

Manual Test Report

Date	03/03/2021
QA Owner	Ying Wu
Feature	Log in & News
Module	Log in & News
Feature Description	1. As a user I want to log in to the web site. 2. As a user I want to see my news.
Testing Description	For login page: I. Scenario 1 – User access the web site for first time (when not logged in yet) A. Given - the user opens web site for the first time (when not logged in yet) B. Then - login screen with user name and password entries and login button is displayed II. Scenario 2 – User login failed A. Given - the user provided wrong user name and/or password B. When - sign in button is clicked C. Then - error markers are displayed by user name and/or password entries III. Scenario 3 – User login succeed (credentials provided below) A. Given - the user provided right user name and password B. When - sign in button is clicked C. Then - user is taken to the news page IV. Scenario 4 – User opens web site next time (when previously logged in) A. Given - the user opens web site next time (when previously logged in) B. Then - user is taken straight to the news screen For news page: I. Scenario 1 – News cards are loaded A. Given - there is internet connection B. When - the user successfully signs in to the app

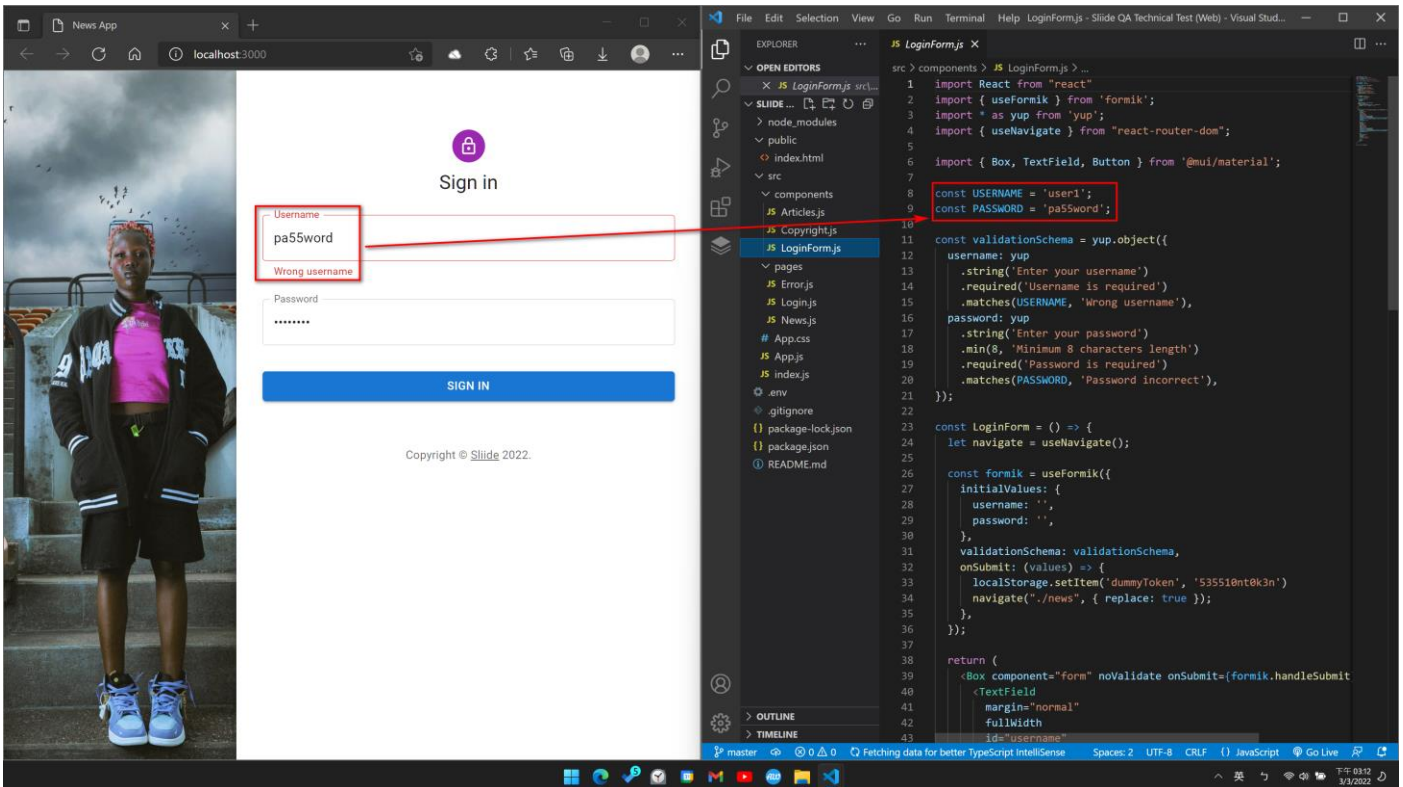
	<p>C. Then - news cards are displayed in rows and each card contains an image, text and a view button (cards can have one or more images scrollable horizontally)</p> <p>II. Scenario 2 – Failed to load news</p> <p>A. Given - there is no internet connection</p> <p>B. When - the user successfully signs in to the app</p> <p>C. Then -“failed to load news” error message and a Retry button are displayed</p> <p>III. Scenario 3 – News view button is clicked</p> <p>A. Given - the news cards are successfully loaded on the screen</p> <p>B. When - the user clicks on the view button of the card</p> <p>C. Then - user is navigated to the image of the card</p>
Test Results	Partial PASS

1. Testing information:

a. Login credentials:

1. User: pa55word
2. Password: pa55word

b. I tried to provide username and password and I found I cannot use it to login the test site, and I found provide username was not correct, the correct is "user1"



The screenshot shows a development environment with two main windows. The left window displays a QA task document titled 'QA_Engineer_Webtask...'. It contains several scenarios for testing a web application. A red box highlights the login credentials: 'user: pa55word' and 'password: pa55word'. The right window shows a code editor with the file 'LoginForm.js'. A red line connects the highlighted credentials in the QA task to the corresponding code in the 'const USERNAME' and 'const PASSWORD' lines of the 'LoginForm.js' file.

QA Task Document Content:

- As a user I want to log in to the web site
 - Scenario 1 - User opens the web site for first time (when not logged in yet)
 - Given - the user opens web site for the first time (when not logged in yet)
 - Then - login screen with user name and password entries and login button is displayed
 - Scenario 2 - User login failed
 - Given - the user provided wrong user name and/or password
 - When - sign in button is clicked
 - Then - error markers are displayed by user name and/or password entries
 - Scenario 3 - User login succeed (credentials provided below)
 - Given - the user provided right user name and password
 - When - sign in button is clicked
 - Then - user is taken to the news page
 - Scenario 4 - User opens web site next time (when previously logged in)
 - Given - the user opens web site next time (when previously logged in)
 - Then - user is taken straight to the news screen
- As a user I want to see my news
 - Scenario 1 - News cards are loaded
 - Given - there is internet connection
 - When - the user successfully signs in to the app
 - Then - news cards are displayed in rows and each card contains an image, text and a view button (cards can have one or more images scrollable horizontally)
 - Scenario 2 - Failed to load news
 - Given - there is no internet connection
 - When - the user successfully signs in to the app
 - Then - 'failed to load news' error message and a Retry button are displayed
 - Scenario 3 - News view button is clicked
 - Given - the news cards are successfully loaded on the screen
 - When - the user clicks on the view button of the card
 - Then - user is navigated to the image of the card

Login credentials:
 user: pa55word
 password: pa55word

Now it's your turn. You need to verify if we can move these two tickets to Done column on our Jira board. We expect that these functions will be tested both manually and automatically by you.

- Manual tests: we expect that any bugs will be reported in clear form
- Automated tests:
 - Technology: Cypress or any other tool of your choosing (explain why)
 - At Slide we love clean code, so please try to write your tests neatly.
 - It's not mandatory but using an additional abstraction level for your tests (like your own framework to facilitate writing tests) will be very much appreciated

You can access the web project with implemented features below.
 Please create your own repo and share it with us.
https://github.com/slide/technical_task_qa_web

As a note, we won't consider any automation task submission created with a test recorder.

At Slide we highly appreciate good communication at all times so, if you have any questions, don't hesitate to ask 😊

Good luck! 🍀

Code Editor Content (LoginForm.js):

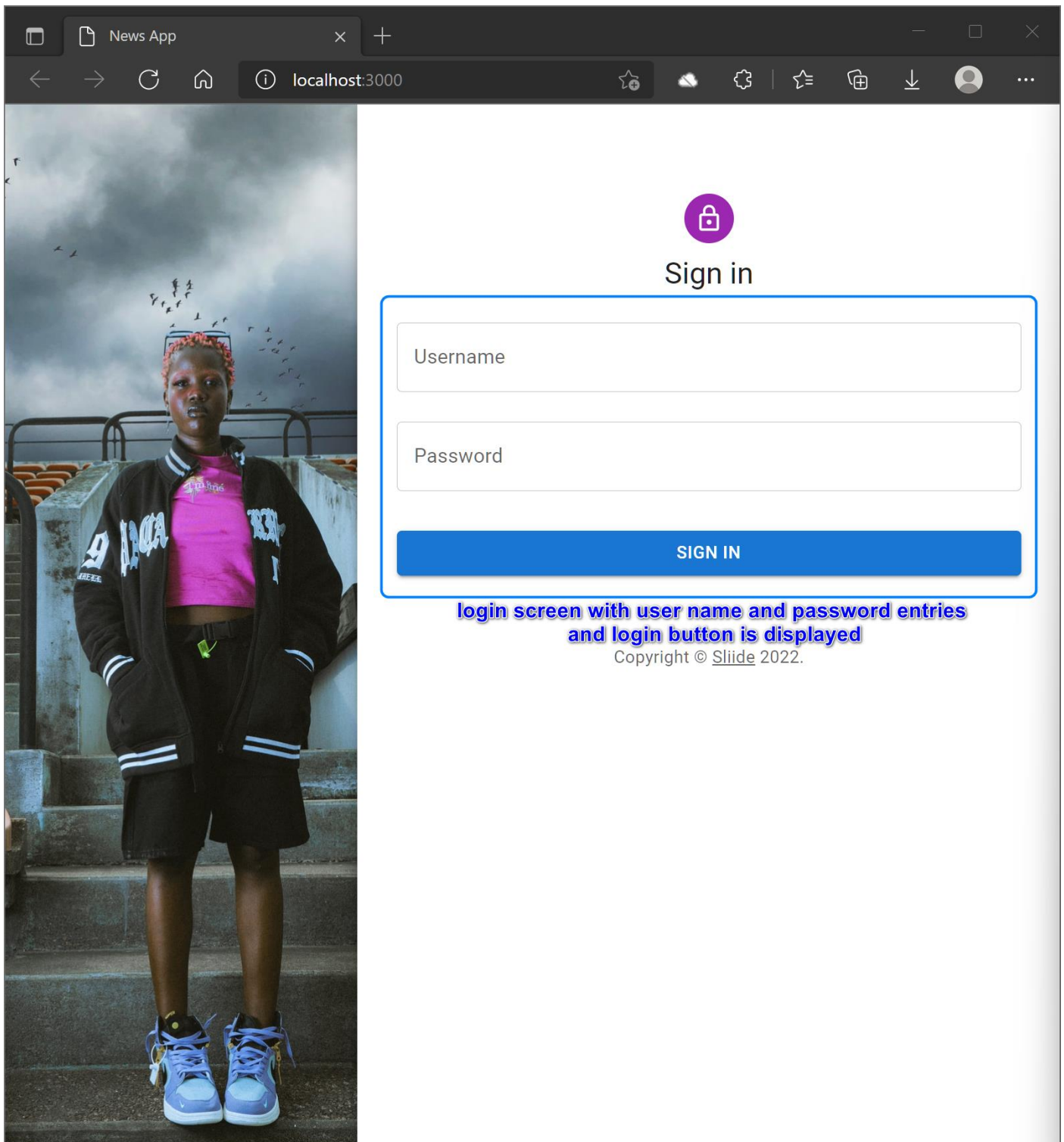
```

1 import React from "react"
2 import { useFormik } from "formik"
3 import * as yup from "yup"
4 import { useNavigate } from "react-router-dom"
5
6 import { Box, TextField, Button } from "@mui/material"
7
8 const USERNAME = 'user1'
9 const PASSWORD = 'pa55word'
10
11 const validationSchema = yup.object({
12   username: yup
13     .string('Enter your username')
14     .required('Username is required')
15     .matches(USERNAME, 'Wrong username'),
16   password: yup
17     .string('Enter your password')
18     .min(8, 'Minimum 8 characters length')
19     .required('Password is required')
20     .matches(PASSWORD, 'Password incorrect'),
21 })
22
23 const LoginForm = () => {
24   let navigate = useNavigate()
25
26   const formik = useFormik({
27     initialValues: {
28       username: '',
29       password: '',
30     },
31     validationSchema: validationSchema,
32     onSubmit: (values) => {
33       localStorage.setItem('dummyToken', '535510t0k3n')
34       navigate("/news", { replace: true })
35     },
36   })
37
38   return (
39     <Box component="form" noValidate onSubmit={formik.handleSubmit}
40       <TextField
41         margin="normal"
42         fullWidth
43         id="username"
  
```

2. Testing login page:

a. Scenario 1 – User access the web site for first time (when not logged in yet)


- Given** - the user opens web site for the first time (when not logged in yet)
- Then** - login screen with user name and password entries and login button is displayed



b. Scenario 2 – User login failed

1. **Given** - the user provided wrong user name and/or password




Sign in


Username

wrongname

the user provided wrong user name and/or password

Password

wrongpwd



SIGN IN

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2. **When** - sign in button is clicked



Sign in

Username

wrongname

Password

.....


SIGN IN

sign in button is clicked

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3. **Then** - error markers are displayed by user name and/or password entries




Sign in

Username
Wrong username

Password
Password incorrect

error markers are displayed by user name and/or password entries

SIGN IN

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- c. Scenario 3 – User login succeed (credentials provided below)
1. **Given** - the user provided right user name and password



Sign in

Username	<input type="text" value="user1"/>
Password	<input type="password" value="*****"/>

the user provided right user name and password

SIGN IN

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2. **When** - sign in button is clicked



Sign in

Username

user1

Password

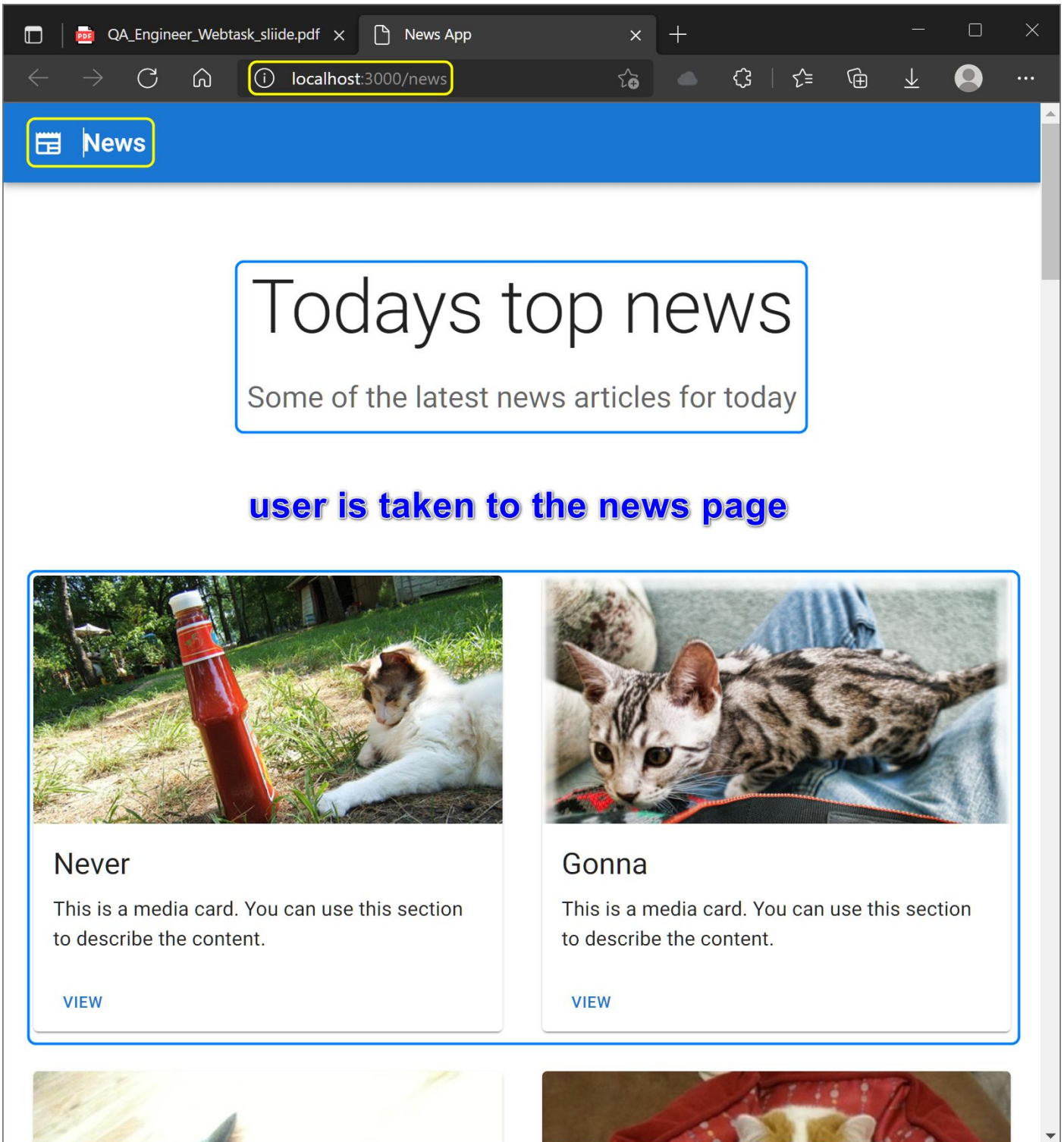
.....

SIGN IN

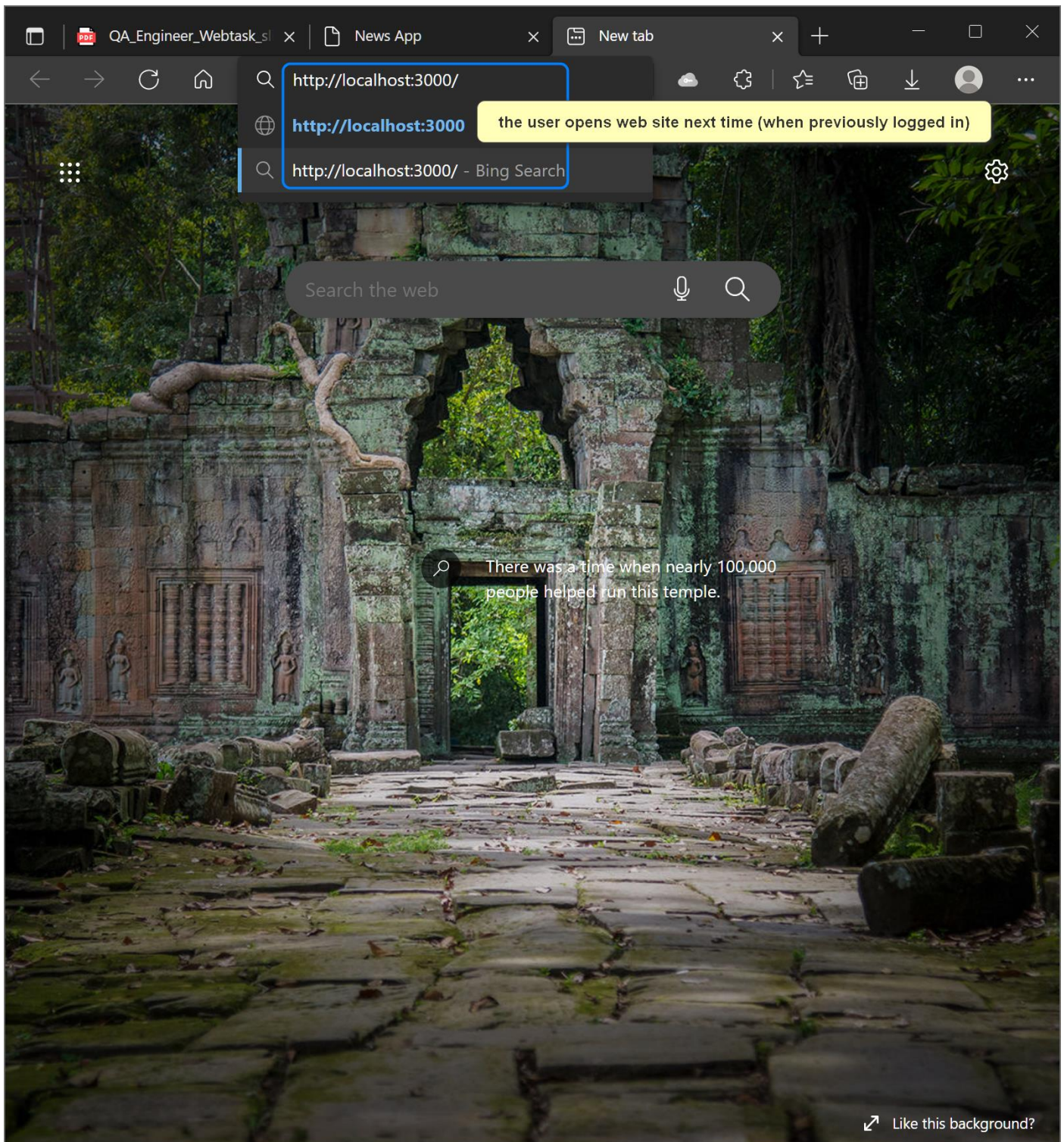
sign in button is clicked

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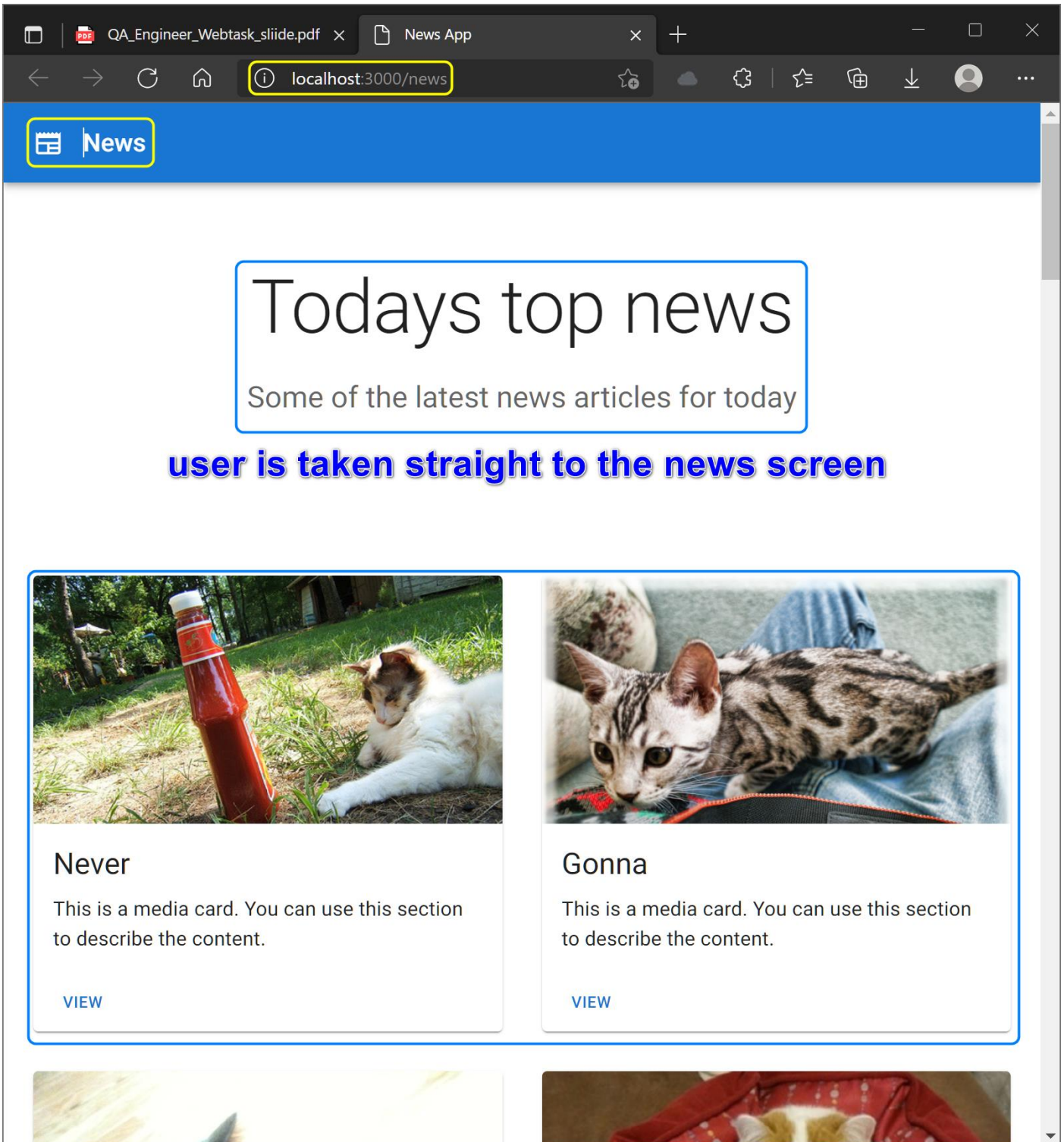
3. **Then** - user is taken to the news page



- d. Scenario 4 – User opens web site next time (when previously logged in)
This site cannot store users' cookies or tokens, so I have to log in every time.
1. **Given** - the user opens web site next time (when previously logged in)



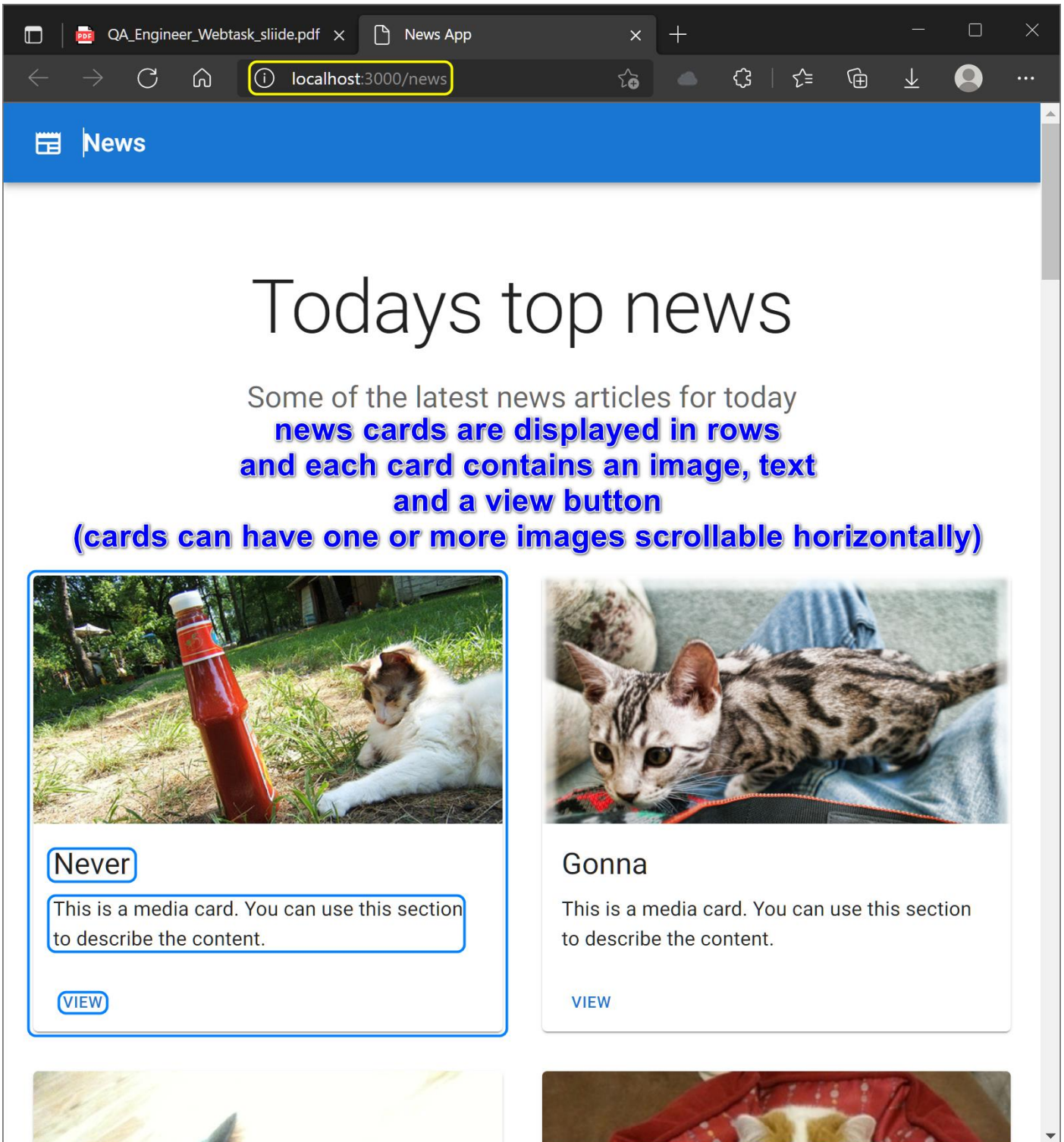
2. **Then** - user is taken straight to the news screen



3. Testing news page:

a. Scenario 1 – News cards are loaded

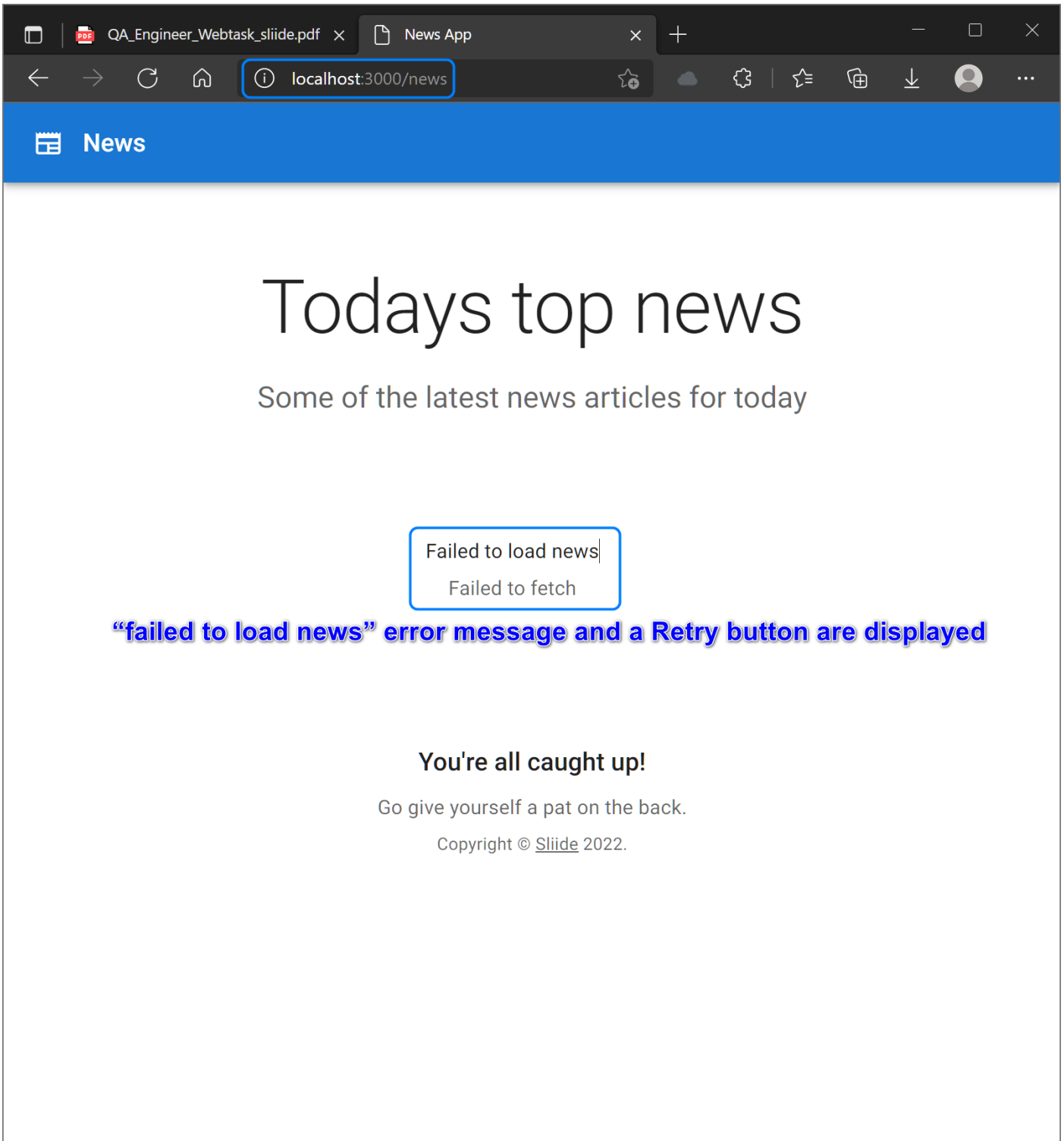
1. **Given** - there is internet connection
2. **When** - the user successfully signs in to the app
3. **Then** - news cards are displayed in rows and each card contains an image, text and a view button (cards can have one or more images scrollable horizontally)



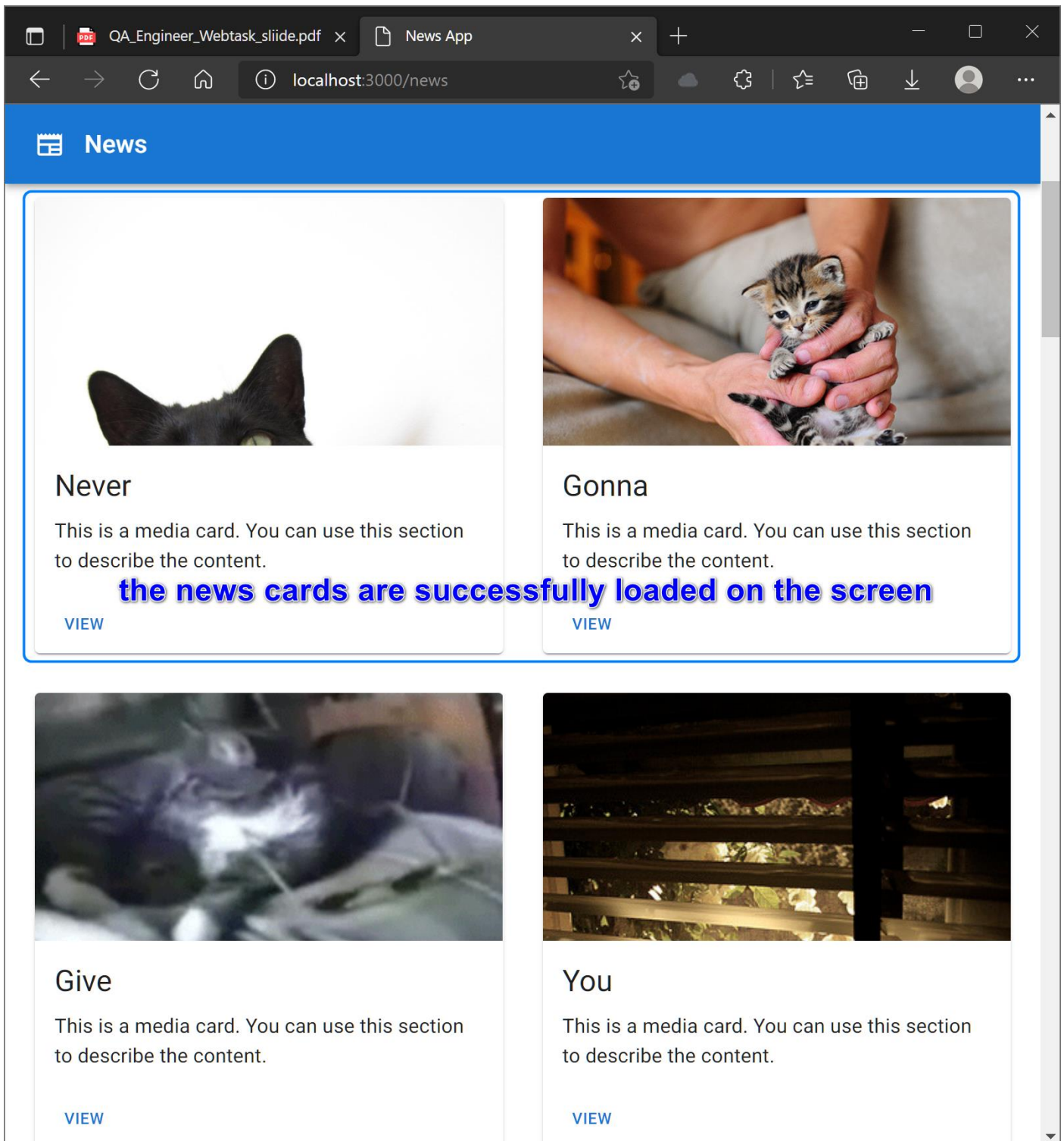
b. Scenario 2 – Failed to load news

There no Retry button is displayed.

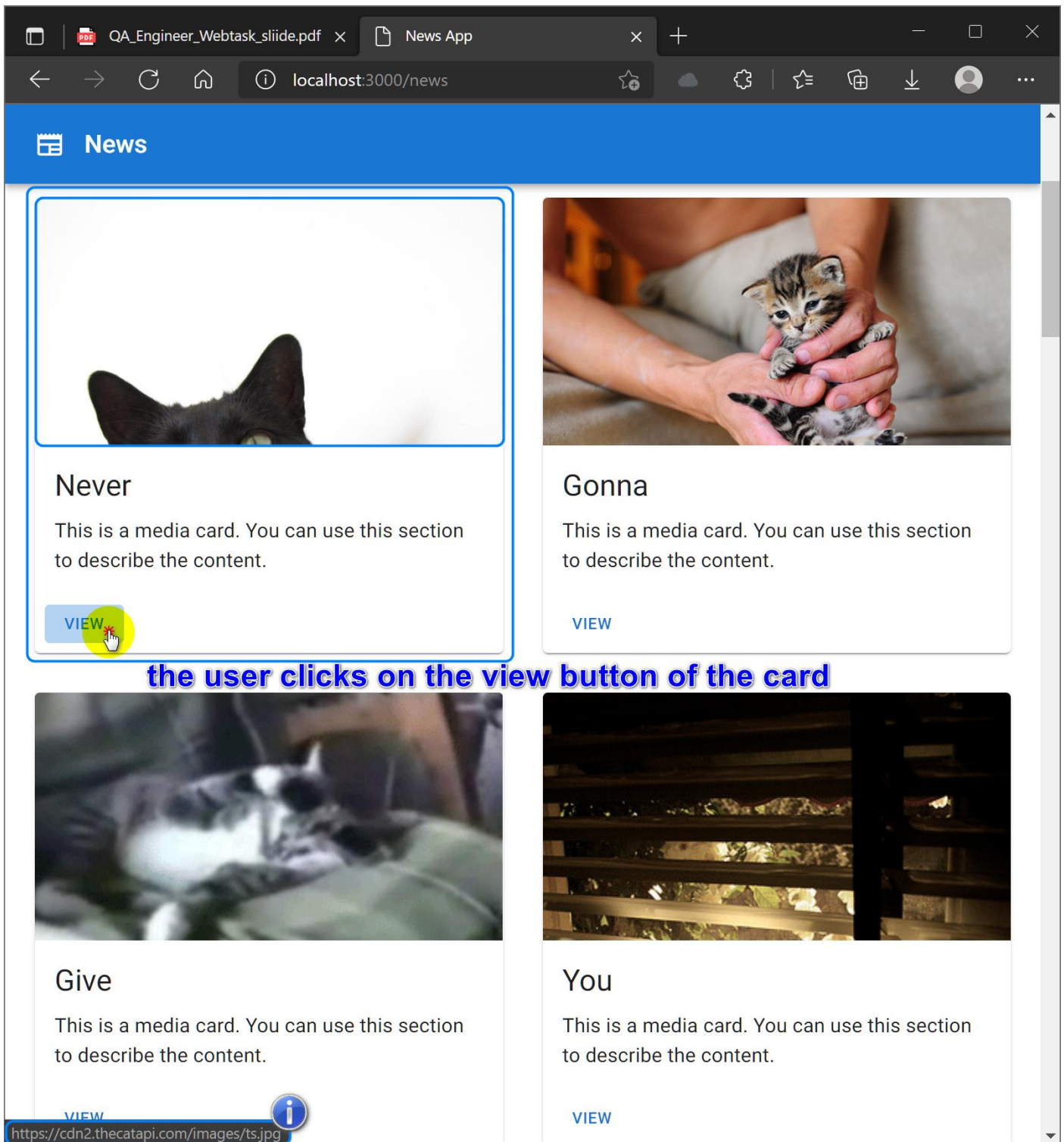
1. **Given** - there is no internet connection
2. **When** - the user successfully signs in to the app
3. **Then** - "failed to load news" error message and a Retry button are displayed



- c. Scenario 3 – News view button is clicked
 - 1. **Given** - the news cards are successfully loaded on the screen



2. **When** - the user clicks on the view button of the card



3. **Then** - user is navigated to the image of the card

