



Frontend Intern task

- **Build a small app that consists of 3 pages (login, Welcome, 404) pages**
 - It is preferred to use VUE js
 - It is preferred to use SASS/SCSS
 - It is preferred to not use any CSS framework
 - You must use GitHub, GitLab, or any other source control tools
 - You must Deploy the app on Netlify, GitHub pages, or any other tool
 - It is a plus to create the illustration on the 404 pages with SASS
 - Try to follow consistent guidelines in your code
- **Write automation tests for the login form using cypress**
 - You will need to implement 2 or more from the scenario mentioned in the automation section

The APP requirements:

Pages & routes:

1. login page with route /login which contains the login form + slider
2. welcome screen with route /welcome which will contain a welcome message + logout button
3. 404 page with route /404 if u entered any route other than the above it redirects to 404 page

login functionality:

It should be local u should have the following array with objects in your code

```
[  
  { email: 'mohamed@instabug.com', password: 'A12345678' },  
  { email: 'mohamed1@instabug.com', password: 'A12345678' },  
  { email: 'mohamed2@instabug.com', password: 'A12345678' },  
  { email: 'mohamed3@instabug.com', password: 'A12345678' },  
  { email: 'mohamed4@instabug.com', password: 'A12345678' },  
  { email: 'mohamed5@instabug.com', password: 'A12345678' },  
  { email: 'mohamed6@instabug.com', password: 'A12345678' },  
  { email: 'mohamed7@instabug.com', password: 'A12345678' },  
]
```

If the entered username and password match any of the above the user should be redirected to the welcome page

Redirect rules:

In case the user didn't log in or he logged out he can't access the welcome page if he opened it via URL he will be redirected to the login



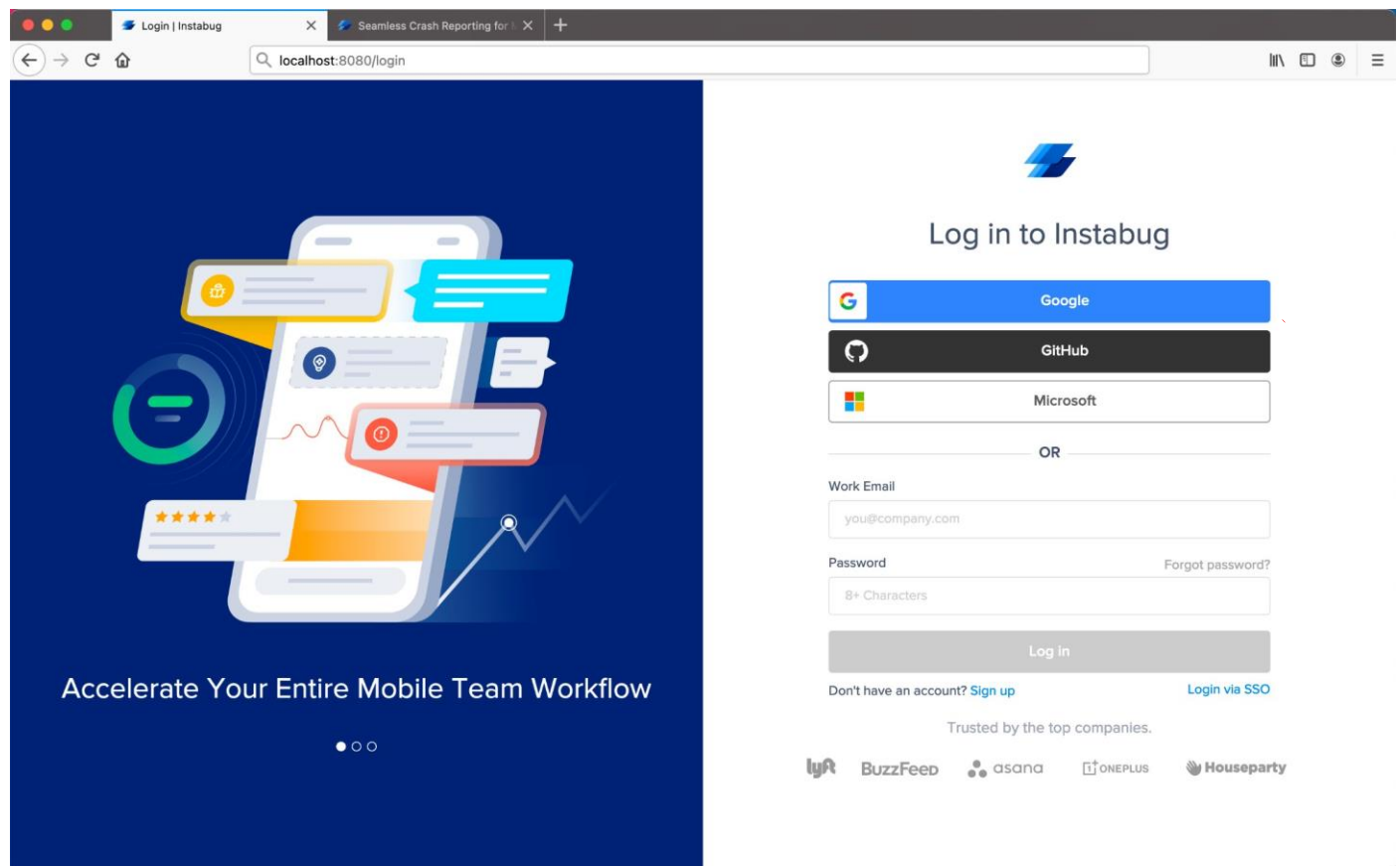
In case the user logged once if he opened the login page via the URL it will redirect to the welcome page, Till the user logged out from the welcome page

The above 2 cases are applied on refresh, open in a new tab, closed the tab and opened it again, closed the browser opened it again

login page:

- should match the following design which contains
 - social login buttons, forgot password, signup and, log in via SSO links will be implemented without functionality
 - The login form will be implemented with the functionality mentioned in the login functionality section
 - The left side of the page contains a slider having 3 slides and the slider should switch between slides automatically
- For the right side assets, u could check Instabug login page

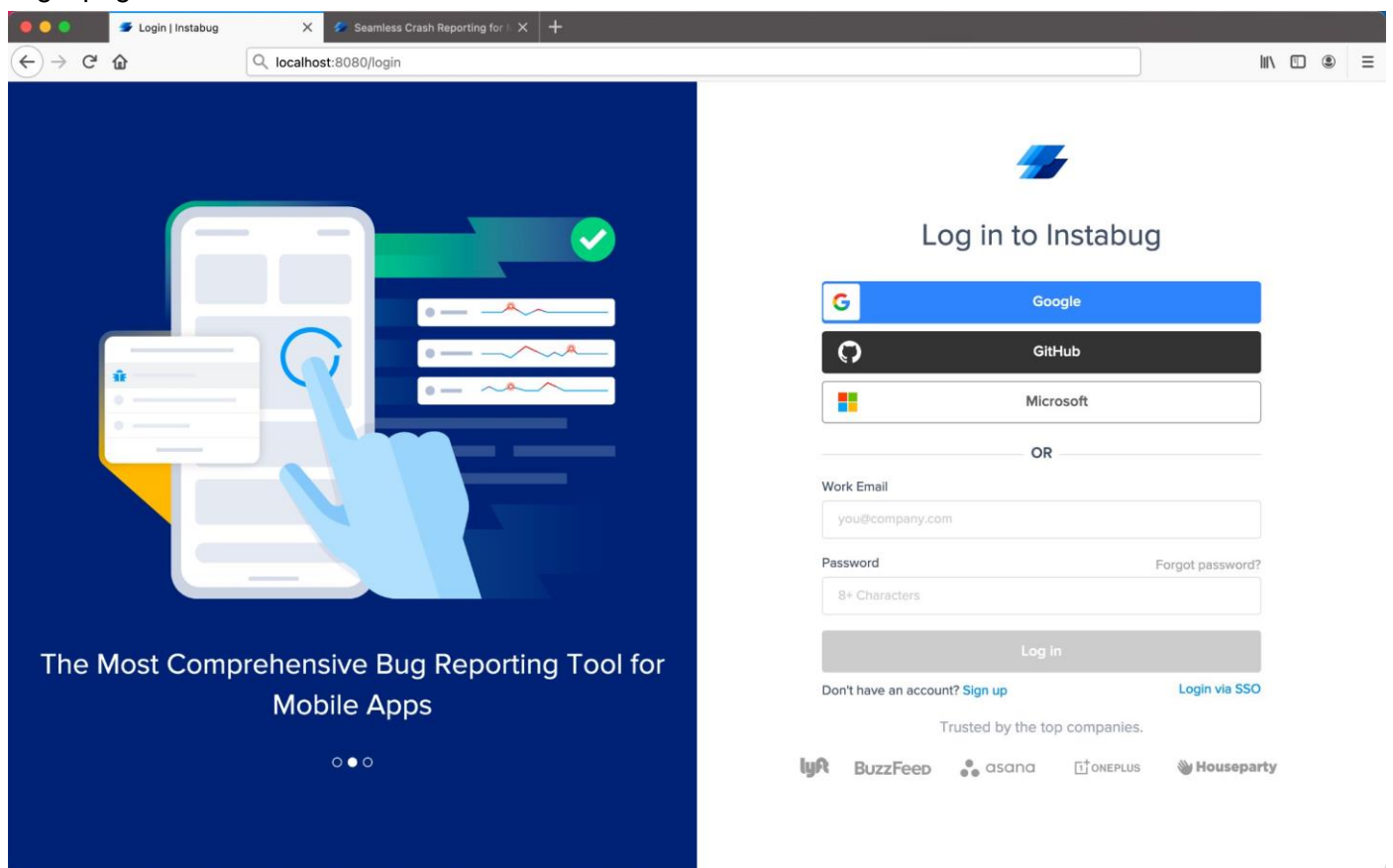
Login page + the first carousel slide





The slider first image <https://svgshare.com/i/hrA.svg>

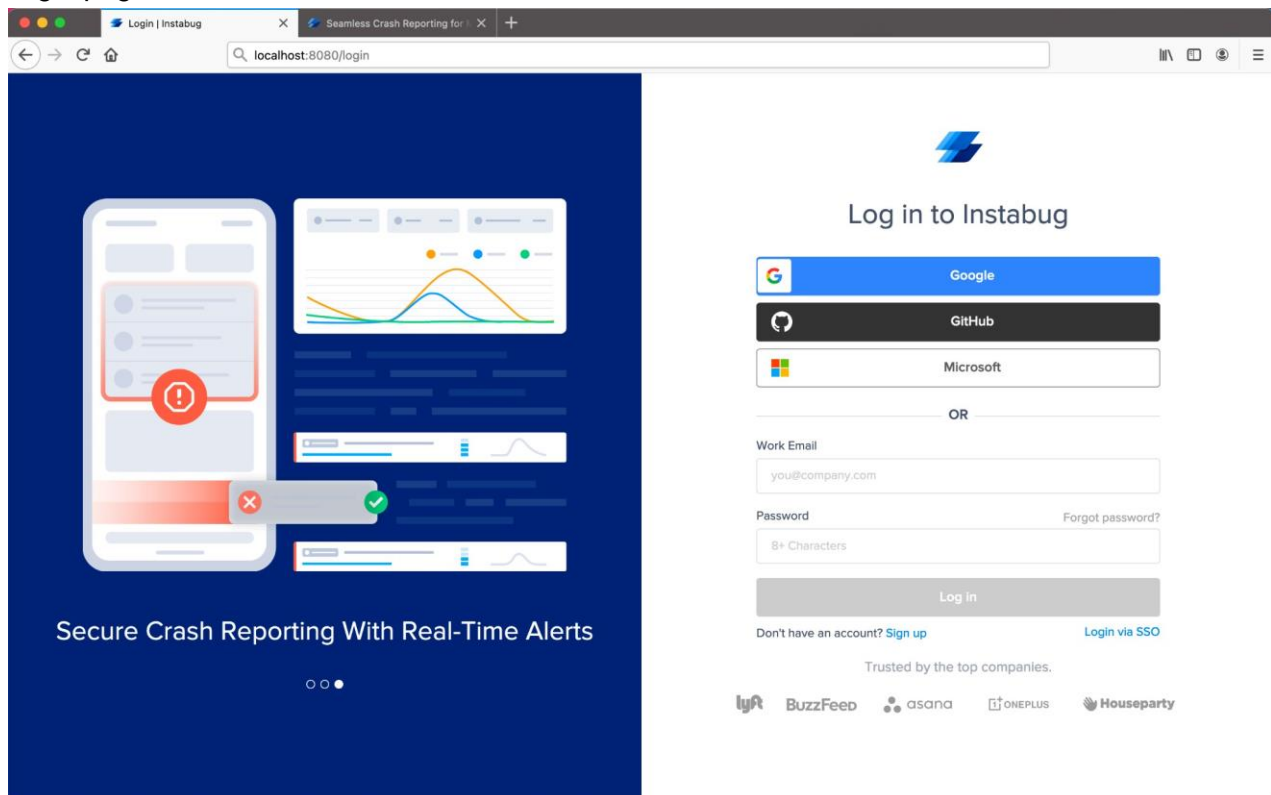
Login page + the 2nd carousel slide





The slider 2nd image: <https://svgshare.com/i/hrB.svg>

Login page + the 3rd carousel slide



The slider 3rd image: <https://svgshare.com/i/hrV.svg>

Login form validations:



The login form consists of 2 fields and one button:

User email, password, login password

- The login button is disabled till there are valid values in the other fields
- The email has email validation with text
- The password must be more than 6 characters otherwise shows (password must be six characters or more)
- The password must contain at least 1 uppercase letters and one number and shouldn't contain the email address name (the part that came before the @)

Work Email

s

Enter a valid email address.

Password

[Forgot password?](#)

.

Password must be 6 characters or more

- If the email or password is incorrect it shows (Your email and/or your password are incorrect)



OR

Your email and/or password are incorrect

Work Email

ewkhfjhw@khgfdc.com

Password

[Forgot password?](#)

.....

Welcome Page:

It should have:

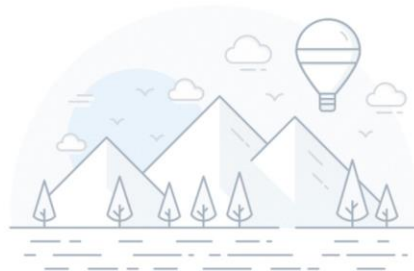
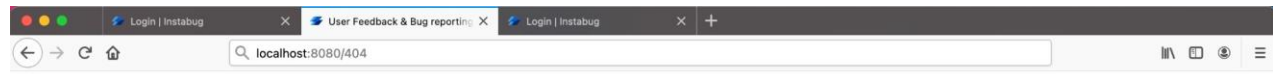
- welcome text "Welcome to {the logged-in user email}"
- logout button which has logged-out functionality mentioned in the redirect rules section

404 page:

It shows when the user entered any URL other than the login and welcome URLs

It shows this illustration:

IT IS A PLUS TO CREATE THE ILLUSTRATION USING CSS ONLY



404 - Page Not Found!

Sorry, that page doesn't exist. What would you like to do?

The illustration image:



Login form automation using cypress:

- Visit <https://www.cypress.io/> and install cypress
- Read how to start using it
- Try to automate 2 or more of the following scenarios for the login form
- Scenario 1
 - a. Enter an email address that doesn't exist in the login list
 - b. Enter any password
 - c. Click on the login button
 - d. Validate that the error message 'you email and/or password are incorrect' shows
- Scenario 2:



- a. Enter an email address that exists in the login list
 - b. Enter any wrong password
 - c. Click on the login button
 - d. Validate that the error message 'you email and/or password are incorrect' shows
- Scenario 3:
 - a. Enter an email address that exists in the login list
 - b. Enter the right password
 - c. Click on login button
 - d. Validate that the browser will redirect to the welcome page
- Scenario 4:
 - a. Enter not a valid email address 'dddd'
 - b. Un-focus the textbox
 - c. Validate that the red validation message will appear
 - d. Validate that the textbox border will be red