METRICS

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Date: 10th February 2023

Project Summary

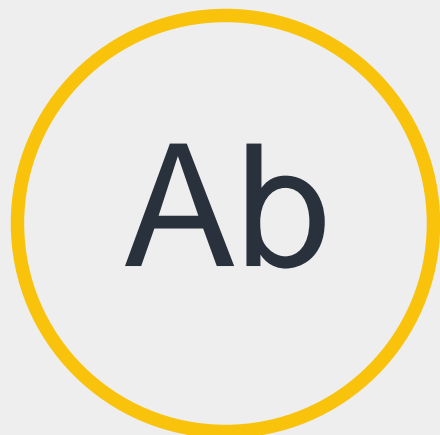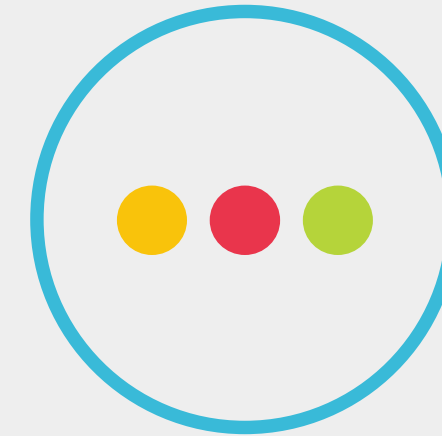|	
Project Name	Matrics Wepapp
Project Description	This React capstone project is about building a mobile web application to check a list of metrics (numeric values) that make by use of React and Redux.
Project Technologies	React, Redux, SCSS, Swiper
Project Duration	Three Days
Total pages	Two pages: Home page and Details page
Project Resources	The design is based on the **Ballhead App** design idea by **Nelson Sakwa** on Behance.

Project Needs

General

I have complete Home page and About page as in the design. Home page have navbar, Regional area and countries list of that region. In Details page, we have navbar and Country details.

Colours

I use the colors provided by the designer as he mentioned in his design.

Fonts

I use Lato free font from google font library. The sizes of the fonts for different elements are taken as similar as the design.

Usability

The design was about a mobile app. So the work is focus only on mobile view. I tried in different views and it's look good.

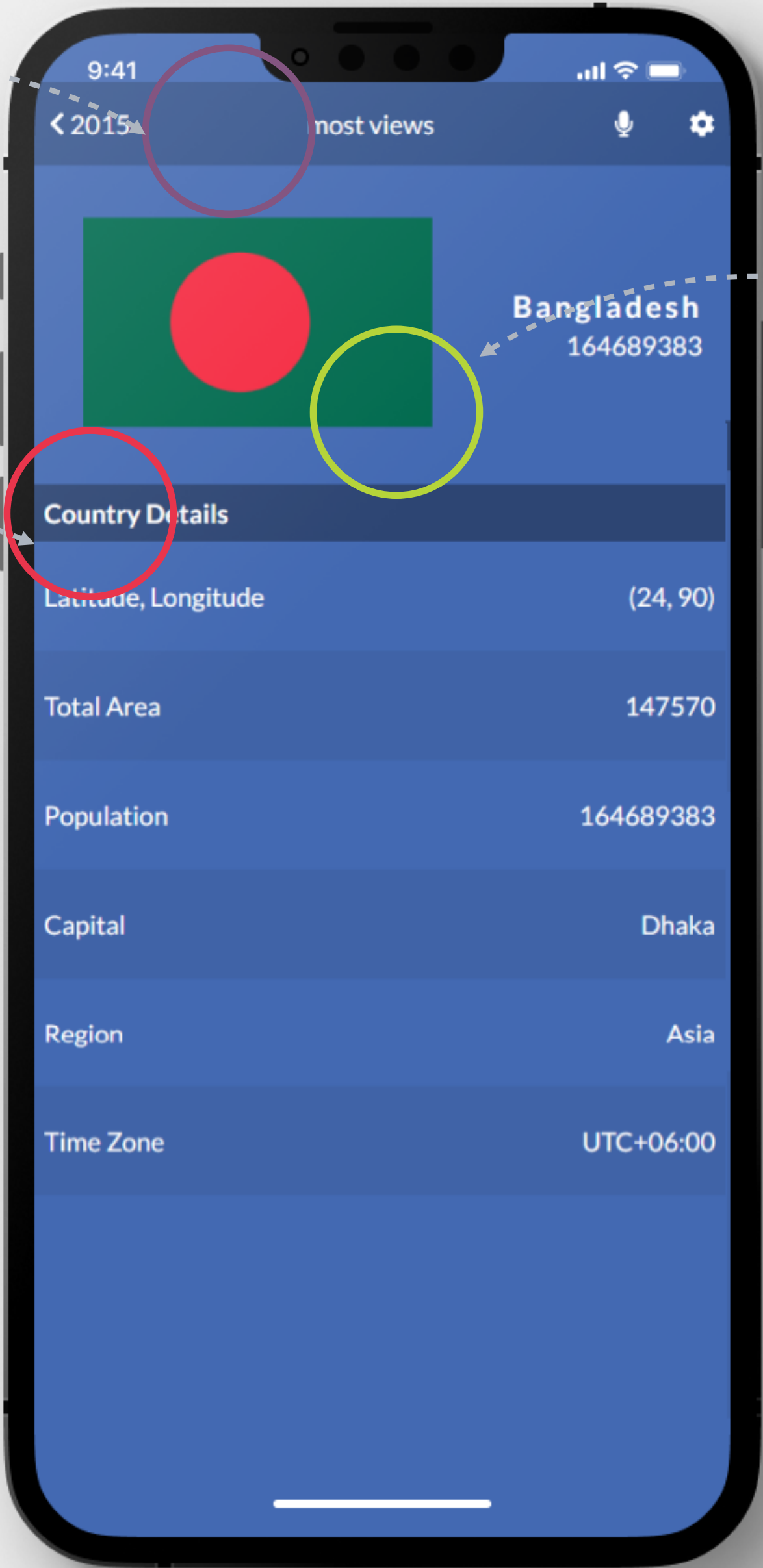# Home page:

1

Home page Navbar

2

Region Section

3

Countries List

Details page:

1 Home page Navbar

2 Country Flag

3 Country Details

Testing using jest:

6

- App.js

---- pages/

-------- Home

-------- Country

-------- NoMatch

---- components/

-------- header

-------- Category

-------- Countries

---- features/

-------- countriesSlice

```
PASS  src/__test__/Country.page.test.js (28.462 s)
PASS  src/__test__/Category.test.js (28.722 s)
PASS  src/__test__/features/countriesSlice.test.js
PASS  src/__test__/App.test.js
PASS  src/__test__/Home.page.test.js
PASS  src/__test__/Header.test.js
PASS  src/__test__/Countries.test.js
PASS  src/__test__/NoMatch.page.test.js

Test Suites: 8 passed, 8 total
Tests:       18 passed, 18 total
Snapshots:   21 passed, 21 total
Time:        62.187 s
Ran all test suites related to changed files.

Watch Usage
 › Press a to run all tests.
 › Press f to run only failed tests.
 › Press q to quit watch mode.
 › Press p to filter by a filename regex pattern.
 › Press t to filter by a test name regex pattern.
 › Press Enter to trigger a test run.
```

Code reviews


```scss
  .countries {
  color: #fff;

    &__item {
      background-color: #4369b2;
      position: relative;
      cursor: pointer;
      padding: 0.5rem 0;
      color: #fff;
      display: flex;
      flex-direction: column;
      justify-content: space-between;
      padding-bottom: 1rem;
    }

    &__item:nth-child(4n - 6),
    &__item:nth-child(4n - 5) {
      background-color: #4063a7;
    }

    &__icon-wrapper {
      position: absolute;
      right: 1rem;
      top: 0.5rem;
      border-radius: 50%;
    }
  }
```

Using nth-child(4n-5)

Using nth-child(4n-6)

Conclusion

I want to thanks microverse to give opportunity to complete this capstone project. This project make me more confidence and improved my skills. I also want to thanks Nelson Sakwa creates for the beautiful design. I also want to mansions restCountries and vectormaps for helping me with there resources.

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