

Mobiversite React.js Assignment

Due Date: 06.08.2023, 23:59

Explanation:

In this assignment we want you to design a simple interface for displaying IOS application screenshots for different localizations (languages).

We have different screen sizes when it comes to iPhone models.

Sizes

1. IPHONE_67 (6.7" display iPhone)
2. **IPHONE_65 (6.5" display iPhone)**
3. IPHONE_61 (6.1" display iPhone)
4. IPHONE_58 (5.8" display iPhone)
5. **IPHONE_55 (5.5" display iPhone)**
6. IPHONE_47 (4.7" display iPhone)
7. IPHONE_40 (4.0" display iPhone)

Each language has seven sizes. Size number 2 and size number 5 are written in bold. They are what we call "main" or "default" sizes.

What this means is that:

- **If there are no screenshots for IPHONE_67 (6.7 display iPhone), IPHONE_65 screenshots are displayed instead with a warning.**
- **If there are no screenshots for IPHONE_47 (4.7 display iPhone), IPHONE_55 screenshots are displayed instead with a warning.**

How this system works is, sizes that are bigger than 5.5 inches (5.8, 6.1, 6.7) should show 6.5 inch screenshots, if they do not have their own screenshots. Similarly sizes that are smaller than 5.5 inches (4.7, 4.0) should show 5.5 inch screenshots, if they do not have their own screenshots.

Let's assume we have 3 Languages for our application. **“English (Primary Localization)”**, **“Turkish”** and **“German”**. Each language has its own set of display sizes described as above.

English is our primary language. English screenshots will be displayed for a language (with a warning) which does not have its own set of screenshots.

Example Scenario:

Assume also that the Turkish language does not have screenshots for sizes 6.7”, 6.5”, 6.1” and 5.8” (sizes that are bigger than 5.5”).

1. **For Turkish 6.7”** display screenshots, **first, Turkish 6.5” screenshots will be checked**. If there are any, **they will be displayed in the Turkish 6.7”** field with a warning.
2. **If there are not any screenshots for Turkish 6.5”**, **English 6.7” screenshots will be checked**, if there are any, **they will be displayed for Turkish 6.7”** screenshots with a warning.
3. **If there are not any screenshots for English 6.7”**, **English 6.5”(default size) will be checked**, if there are any, **they will be displayed for Turkish 6.7”** screenshots with a warning
4. **If there are not any screenshots for English 6.5”**, **“NO SCREENSHOTS” for Turkish 6.7”** will be written in the field.

General rule is, if a language does not have screenshots for a size that is bigger than 5.5”, its 6.5” screenshots will be displayed for missing sizes. If that language does not have 6.5” screenshots to be displayed, instead the primary language will be checked for missing sizes (English in above example). If the primary language has exactly the same size screenshots, they will be displayed, if not, 6.5” screenshots of the primary language will be displayed. IF THERE ARE NO SCREENSHOTS TO DISPLAY, **“No screenshots”** text will be displayed.

Example Scenario 2:

Assume also that the Turkish language does not have screenshots for sizes 5.5" and 4.7", 4.0" (sizes that are smaller than 5.5").

1. **For Turkish 4.7"** display screenshots, **first, Turkish 5.5" screenshots will be checked**. If there are any, **they will be displayed in the Turkish 4.7"** field with a warning.
2. **If there are not any screenshots for Turkish 5.5"**, **English 4.7" screenshots will be checked**, if there are any, **they will be displayed for Turkish 4.7"** screenshots with a warning.
3. **If there are not any screenshots for English 4.7"**, **English 5.5"(default size) will be checked**, if there are any, **they will be displayed for Turkish 4.7"** screenshots with a warning
4. **If there are not any screenshots for English 5.5"**, **"NO SCREENSHOTS" for Turkish 4.7"** will be written in the field.

If a language does not have screenshots for a size that is smaller than 5.5", its 5.5" screenshots will be displayed for missing sizes. If that language does not have 5.5" screenshots to be displayed, instead the primary language will be checked for missing sizes (English in above example). If the primary language has exactly the same size screenshots, they will be displayed, if not, 5.5" screenshots of the primary language will be displayed. IF THERE ARE NO SCREENSHOTS TO DISPLAY, **"No screenshots"** text will be displayed.

Assignment:

FEEL FREE TO CONTACT THIS EMAIL OR PHONE NUMBER IF YOU HAVE ANY QUESTIONS.

GSM : +905300406834 (Berk Ataç)

Email : batac@mobiversite.com (CC: sdumanli@mobiversite.com)

Assume you have the following screenshots (their path on your local) present in a server (since there is no server for you to pull any screenshot data, you can use a .json file to fetch information regarding the screenshots. Pretend that .json file is your server, structure it however you want).

<u>Sizes/Languages</u>	<u>English (Primary)</u>	<u>Turkish</u>	<u>German</u>
IPHONE_67	×	×	●
IPHONE_65	●	×	●
IPHONE_61	●	●	●
IPHONE_58	●	●	×
IPHONE_55	×	●	●
IPHONE_47	×	●	×
IPHONE_40	×	●	×

Each green dot represents four screenshots. “X” means there are no screenshots. **Design a simple SPA application using react.js**, similar to given images below. There should be a dropdown menu for language selection “English”, “Turkish”, “German”. App should start with showing “English” sizes and their screenshots. All screenshots should be shown in a field with title indicating their sizes.

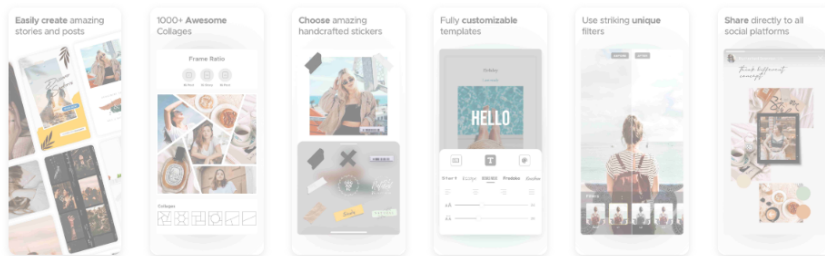
You can use any images you want as “screenshots”.

When you are finished, put your code in a Github repository and publish that repository on Netlify. Share the link with contact information above.

Note: As I mentioned, if the assignment feels confusing or if it is hard to understand, contact me. I will provide further explanation. If for any reason, you are unable to finish the assignment before the due date, I will want you to present your code anyway and I will want you to explain it to me along with your logic for this assignment.

iPhone 6.7" Display ^

Using 6.5" Display

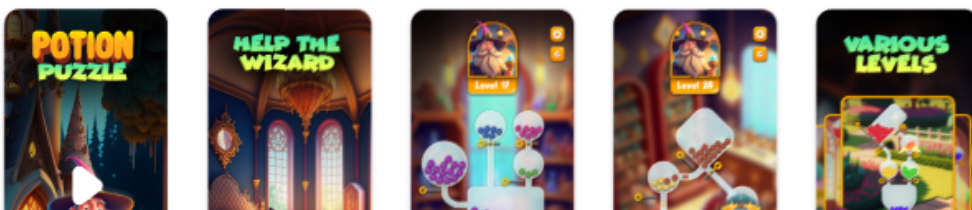


English

iPhone 6.5 Display v



iPhone 6.1 Display v



iPhone 6.5" Display ^

Using English (U.S.) 6.5" Display

