

Mockup: <https://www.figma.com/file/lwyFose0AyHjmVCjpTUIBn/React-Task?node-id=0%3A1>

Your assignment is to build a SPA in react from the mockup that is given to you. Build all the features as it is in the mockup. Your evaluation will be based on implementation, code quality, and the scalability of your code.

In the mockup, you will see two charts. Please investigate the given data, and show the charts accordingly.

Pie chart:

1. Show the percentage of phones from 3 sources (Bikroy, daraz, pickaboo)

Bar chart:

1. Show a bar chart for phones with following conditions,
 - a. Phones with official warranty
 - b. Phones with unofficial warranty
 - c. Phones without warranty
 - d. Used phones

In the data table of the mockup, you will see some phones with the following badges (Best value, Best camera, Best performance). Please investigate the given data, and show the right badges for each phone. Also check the sorting options. Business logic for sorting, and badges are the same.

Best value:

1. Price \leq 20k
2. Ram \geq 4GB
3. Storage \geq 64GB
4. Brand: Xiaomi or Realme

Best camera:

1. Rear camera: At least 3 cameras, main sensor is \geq 16 MP
2. Selfie camera: At least 13MP or more
3. Storage \geq 64GB with microSD slot

Best performance:

1. Snapdragon chipset
2. Price $>$ 20K
3. Ram $>$ 4GB
4. Storage \geq 128GB
5. Amoled 1080p display

Additionally, also implement an infinite scroll view for our data table, where users will only see the next set of data if only they reach the bottom of the list (Only show 20 data at a time).

Optional feature: If users click on a phone image they will see the image gallery of that phone.

