

## FE Technical Assignment

### Assignment

1.

Implement a simple product detail page matching the provided mobile and desktop designs:

a. Designs:

i.

Desktop: <https://marvelapp.com/prototype/619dgg5>

ii.

Mobile: <https://marvelapp.com/prototype/28jb3a3g>

b. Data for the product must be fetched from API. No hardcoded HTML markup, unless for elements that are not provided by API.

2. QTY rockers next to product options should function (+ and - buttons increase and decrease QTY) as well as QTY itself must be an input field that accepts valid numbers:

a. Lowest allowed value is 0. If the value is 0, - button becomes grayed out and non-clickable.

b. Increment step is 1 (if value is 3 and you press "+", value changes to "4" and so forth).

c. If an incorrect value is entered using the input field (e.g. -10), on blur-event that value should change to the last valid value used instead.

d. Having QTY 1 or more means the option is primed to be added to cart and must appear in the right hand sidebar above shipping info.

3. Right sidebar should contain product options with QTY 1 or more (option summary) and the calculated price for each of them:

a. If an option with a price of R10 has QTY=2, the price in summary should be R20.

4. Optional: API returns info for the shipping time and lead time. Add a tooltip on hover that displays it.

5. Optional: have the discount timer count down to the discount end date provided by the API.

a. Don't worry about the state when the countdown timer reaches the end.

6. Optional: Have the QTY rocker be a shareable component that can be configured to have different min value, max value and step increment value.

7. The design implementation has to be responsive. We provide mobile and desktop designs at 360p and 1320px widths. How it looks between those breakpoints is up to you.

8. Do not use CSS frameworks, like Bootstrap or Tailwindcss. We encourage you to use CSS preprocessors like Less or Sass.