React

project: Auction Portal

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Introduction

- Client: **Big-Fish** came to your **ACME** company
- He is looking for programmers to make his dream come true

Auction Portal

- A portal - where customers can list their products and other customers can buy them

Acquiring requirements from the customer

Step - 1

Auction Portal requirements from Big-Fish

- Responsive web application
- The home page presents all available auctions
- The „Advices" page presents our blog articles helping the user make purchasing decisions
- The cart contains products in which you clicked "Buy now"
- The "Add" page allows you to add an auction.

Design decisions

Step - 2

Auction Portal
tech stack decisions

Because John Reactor was the TechLead of the project, he chose the front-end technology and framework: **React**

Because Big-Fish wants to have a modern website style, the team decides to use the framework: **Bootstrap 5**

Because Kate Moqup was Project Modeler, application used to create views for the project is: http://app.moqups.com

Since the Back-End Team went on a well-deserved vacation - we will simulate http requests, thanks to: **json-server**

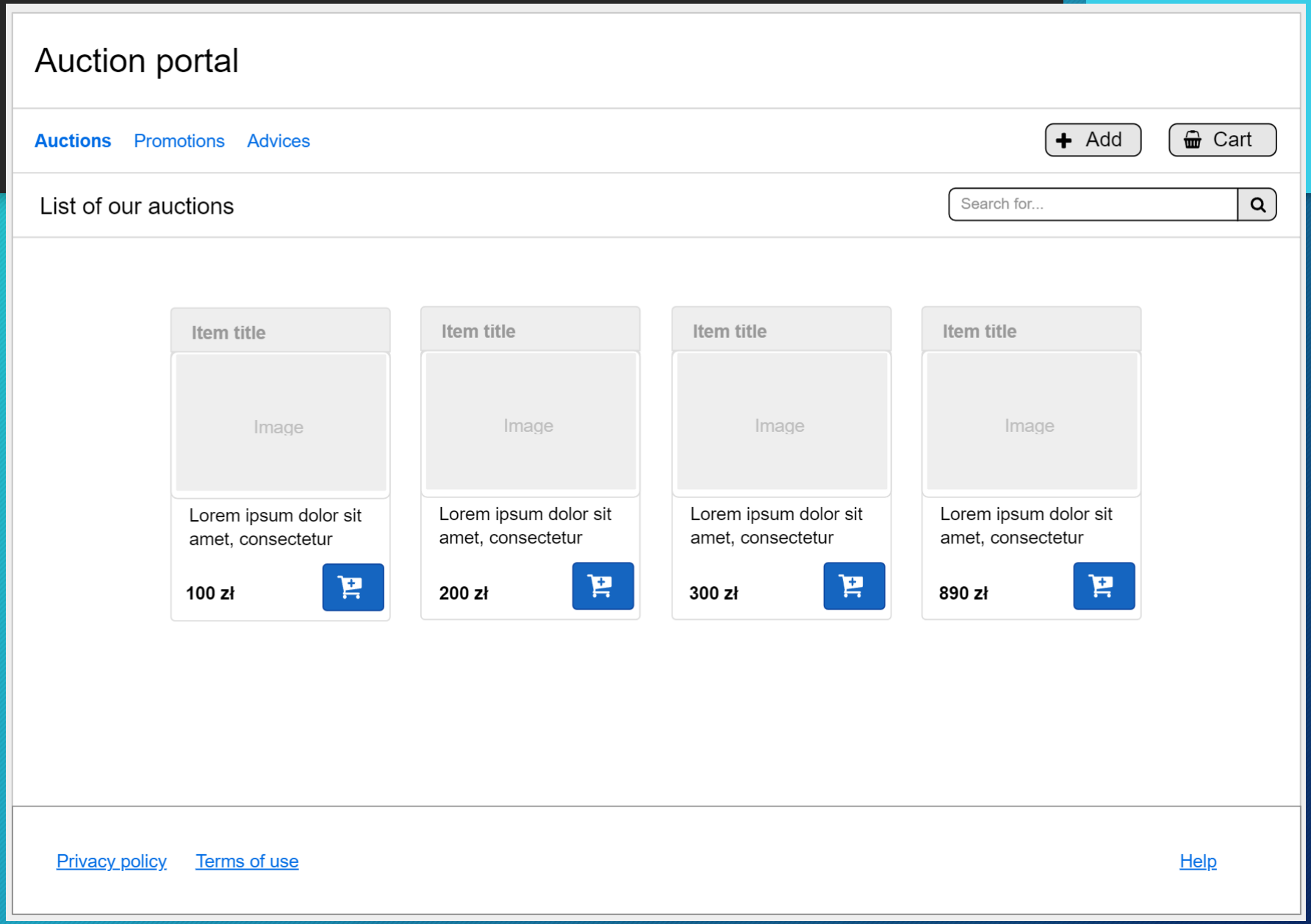
Auction Portal
tech stack decisions - summary

	Technology / Tool	version	documentation
Front – End	**React**	18.2.0	https://react.dev/
UI styles	**Bootstrap**	5.3.2	https://getbootstrap.com/docs/5.3/getting-started/introduction/
UI icons	**Font Awesome Free**	6.4.2	https://fontawesome.com/docs/web/use-with/react/
REST Mock	**json-server**	0.17.4	https://www.npmjs.com/package/json-server
Photos	**Lorem Picsum API**	-	https://picsum.photos

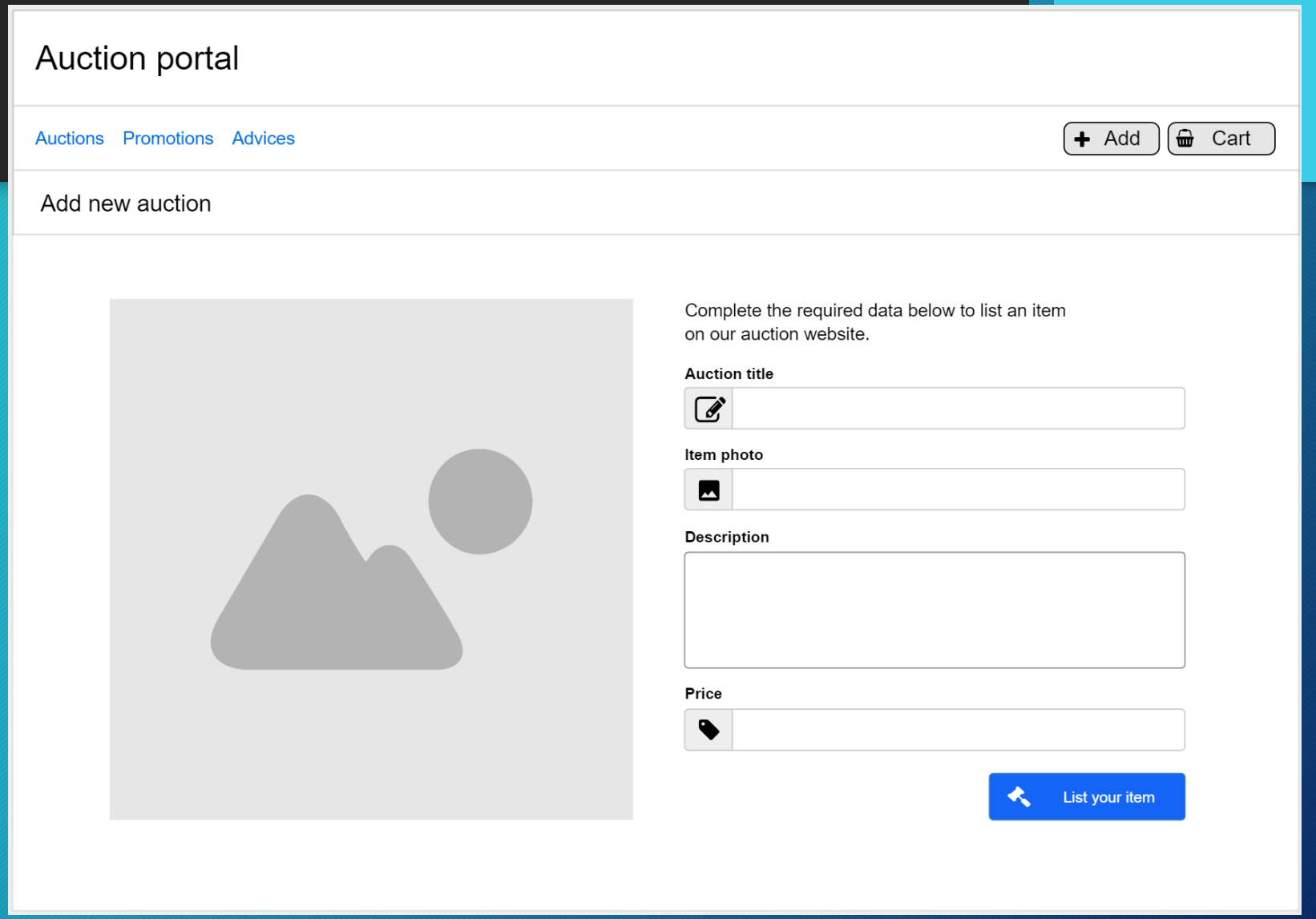
Model implementation on wireframes

Step - 3

Home page


Auction portal
Auctions
Promotions
Advices
Add
Cart
List of our auctions
Search for...
Item title
Image
Lorem ipsum dolor sit amet, consectetur
100 zł
Item title
Image
Lorem ipsum dolor sit amet, consectetur
200 zł
Item title
Image
Lorem ipsum dolor sit amet, consectetur
300 zł
Item title
Image
Lorem ipsum dolor sit amet, consectetur
890 zł
Privacy policy
Terms of use
Help

Add new auction



Making PoC (Proof of Concept) / Prototype

Step - 4

Useful ideas for our UI

- Selected icons form Font Awesome Free

  `key` | `sign-in-alt` | `plus` | `shopping-basket` | `search` | `cart-plus`

- Examples form Lorem Picsum:

  Banner:

  https://picsum.photos/id/180/2000/400

  Auction items:

  https://picsum.photos/id/36/200/200 - Camera parts
  https://picsum.photos/id/48/200/200 - Laptop
  https://picsum.photos/id/160/200/200 - Smartphone
  https://picsum.photos/id/183/200/200 - Car