

**PICK
YOUR
BRICK**

hello!

I am Sabitha Radhakrishnan









Background: Manufacturing
Thank you for your time!


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Let's sell some Lego Architecture

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FREE SHIPPING AND FREE FACEMASKS WITH EVERY ORDER


 Search...

PYB

Empire State Building

\$129.99







PYB

Statue of Liberty

\$119.99




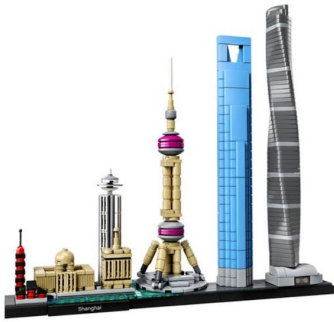


PYB

Shanghai

\$59.99





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3

UPER

Understand
Plan
Execute
Refactor

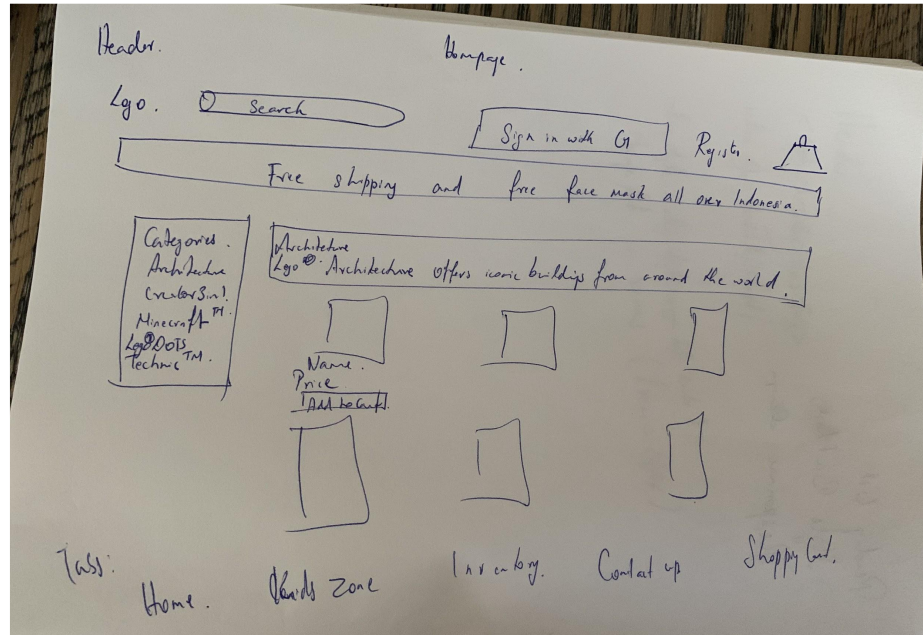
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Problem

- ❑ Plan the website design and layout of the pages
- ❑ Subject matter knowledge (e-commerce site layout, inventory, etc.)
- ❑ Technical knowledge (State Managements, Material UI)
- ❑ Focus on clean code and commenting
- ❑ Create this presentation

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Plan Store View



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Plan Checkout Page

My Cart

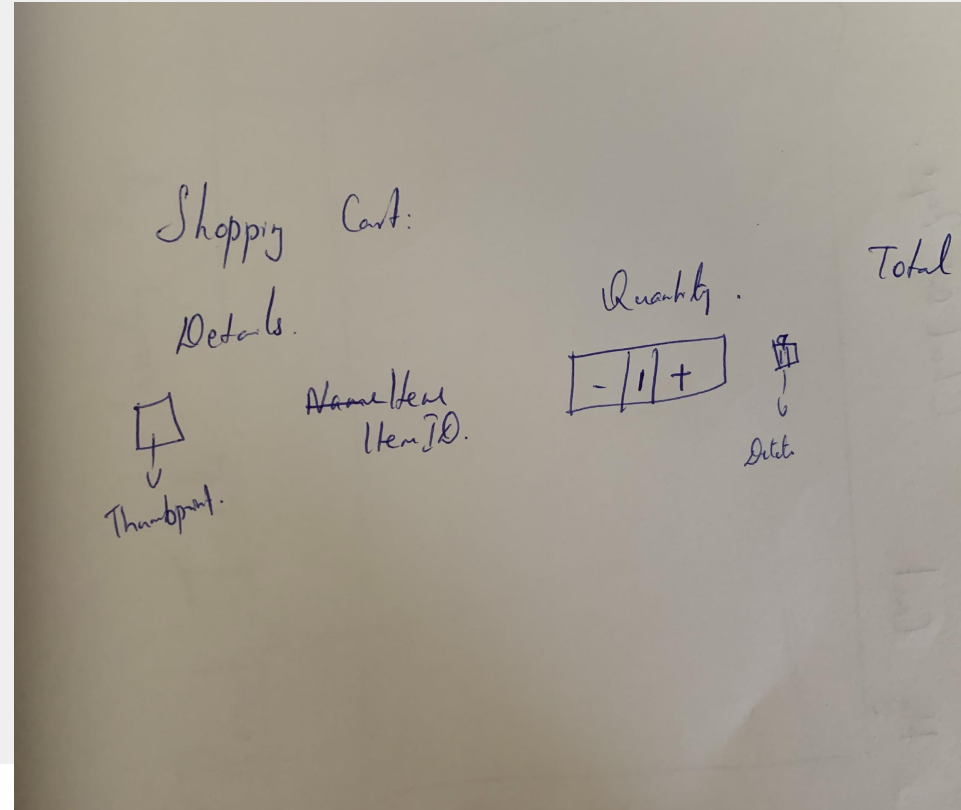
Checkout Page.

Order Summary.	
Shipping	
Subtotal	\$ _____
Shipping:	Free.
Order Total	\$ _____

Pay with PayPal.

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Plan Cart View



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Plan Inventory

Inventory Page.

React Table

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Strategy

Design

1. Learn Material UI
2. Set up Header, Footer
3. Setup Navigation

Functionality-Stories

1. Create context
2. Display products
3. Display Inventory table
4. Add cart
5. Add Inventory
6. Integrate paypal
7. Search
8. Adjust inventory

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Execute

Set up
Header,
Nav &
Footer

Set
up
Shop

Set up
cart

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Refactor

Card Component

Chose to render products as Material-UI's Card Component

Table Component

Chose to render inventory, Cart and Payments as Material-UI table

React

Lifted up state of properties using context

Once I got the handle on things I wrote code back up again from scratch.

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Refactoring to be incorporated

Cart Context

Move all data like total to cart context in order to process payment and inventory management

Search Function

Instead of mapping through the original product list, I can map through the array that is returned after the search filter.

Add carousel to media

UI/UX

Change the nav back to text, dark mode, modal instead of expand and collapse for product listing, dialogs on add to cart instead of browser alert

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Credits

Sincere thanks to Amir for challenging with adding a framework with TODO App assignment.

Special thanks to the people who made and released these awesome resources for free.

- ☐ [Important React State Management Tutorial | Context Api | React Tutorial For Beginners - YouTube](#)
- ☐ [Material UI - YouTube important playlist](#)

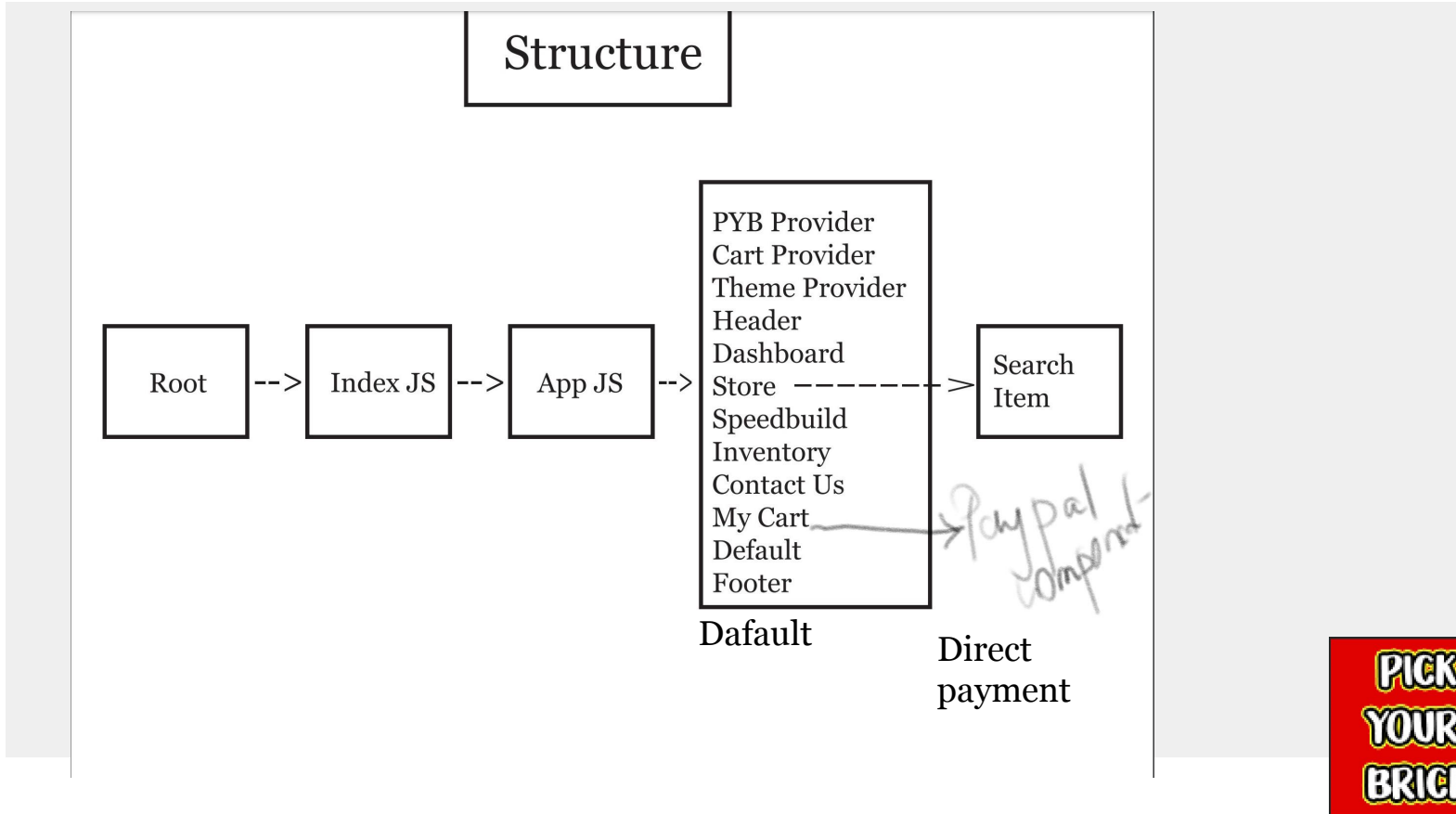
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Things to learn

- ☐ useEffect use
- ☐ Create a custom hook
- ☐ State management
- ☐ Javascript
Arrays, objects

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Component Tree



Thanks!

Any questions?

Criticism are stepping stones for the brave.

I am brave!



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