

Unit Assessment 4 Planning Guide

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1. Describe your app in a few bullet points or sentences, this could be how you introduce your app for your presentation.
 - My app is going to show the user's current favorite skincare products.
 - The user will be able to add a new favorite product, update a current product, and delete a product.
2. What information will you store on the server? What properties will the objects have? What data types will their values be?
 - The server will store the list of current favorites
 - {id: number, type: string, name: string, picture: url string }
3. Use this table to plan out your endpoints

Endpoint	What will it do?	Will it need an id?	Will it need any parameters or queries? If yes, what will they be?	Will it need a body? If yes, what info will be sent?
Get	Get all the current favorite skincare products	no	no	no
Post	Create a new favorite product and return the updated list of favorites	no	No, id will be generated by the server.	Yes, it will provide the type, name, and picture url.
Put	Update the current favorite product and return the updated list of favorites	yes	Yes, id will be a parameter	Yes, it will provide a new name and picture.
Delete	Delete a current favorite product and return the updated list of favorites	yes	Yes, id will be a parameter	no

4. Wireframe - draw out your app. Feel free to use any app or hand draw this. Insert a picture/screenshot here.

Current Favorite Skincare

Product Type
Product Name



Update Button

Delete
Button

Product Type
Product Name



Update Button

Delete
Button

Product Type
Product Name



Update Button

Delete
Button

Product Type
Product Name



Update Button

Delete
Button

Product Type
Product Name



Update Button

Delete
Button

Product Type
Product Name

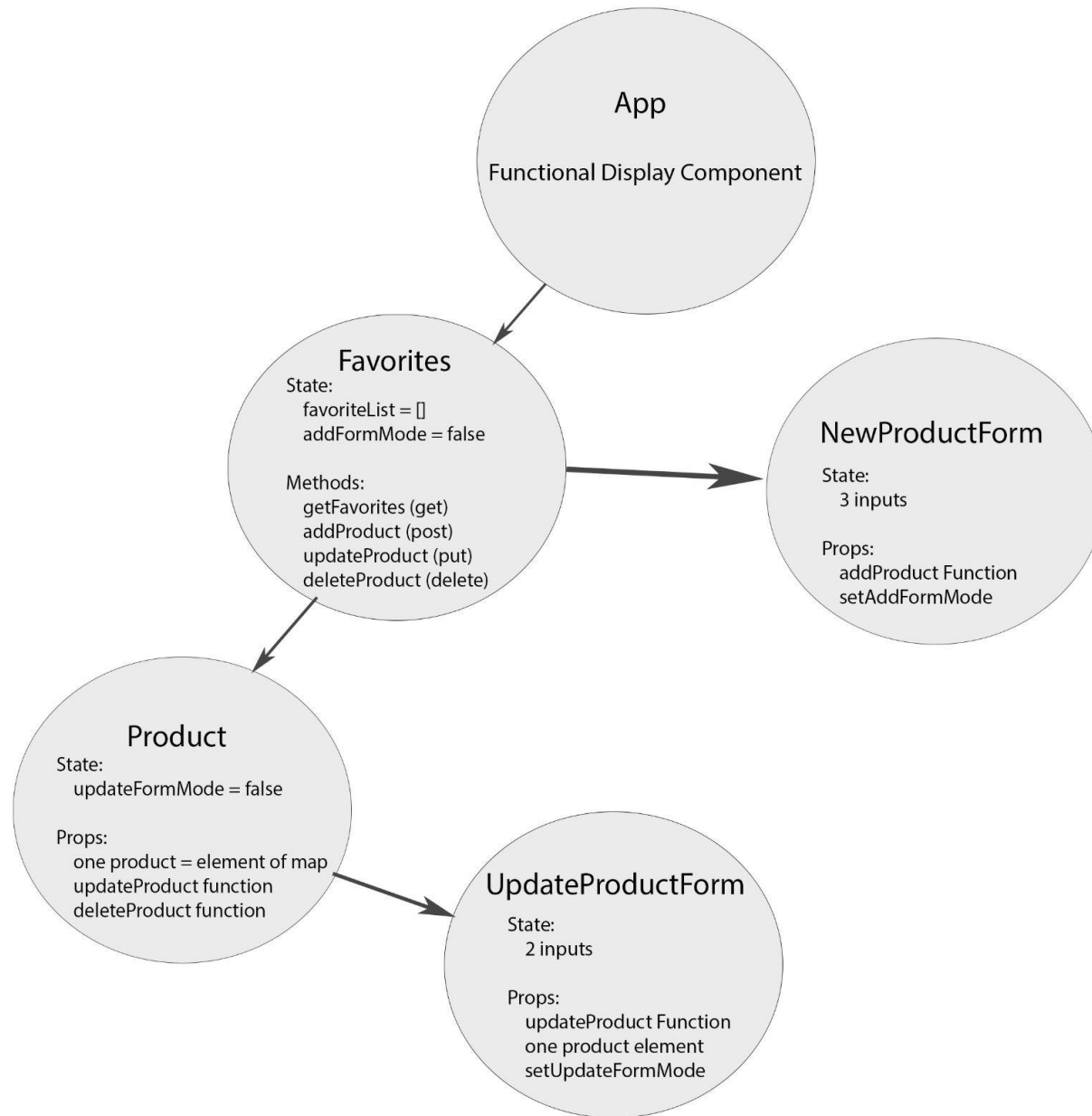


Update Button

Delete
Button

Add new
Button

5. What components will you need? Use your wireframe to help you figure that out and to make a component tree. Feel free to use any app or hand draw this. Insert a picture/screenshot here.



6. Data flow - Which components will make axios calls and store data? What functions and/or data will be passed on props to children components?
- **Favorites** will make axios calls, hold the state of the favorites array to be displayed and the state of **UpdateProductForm**. It will pass functions and objects down to components that need them.
 - **Product** will receive `.update` and `.delete` methods as props, `.update` is then also passed to **UpdateProductForm**.
 - **NewProductForm** will receive the `.post` method as props.
 - One product (element created from the map in favorites) will be passed to **Product** and **UpdateProductForm**.
 - Input fields in **NewProductForm** and **UpdateProductForm** will hold state.
7. Go through the simplified rubric below and make notes on how you will pass that requirement. You do not need to change the blue highlighted boxes.

app has 2 functioning class components that contain and modify state	Favorites, NewProductForm, Product, UpdateProductForm
app has 1 functioning display component	App
req.body is used correctly once in the controller file	Will use on <code>.post</code> and <code>.put</code>
1 component is used more than once, either in a <code>.map</code> or as a child rendered in a parents' JSX	Product will be reused in map
at least 1 endpoint contains a parameter, which is accessed correctly in the controller file	<code>.delete</code> and <code>.put</code> will take in an id parameter
app contains at least 4 correct usages of a <code>.then</code>	Will use on all 4 axios requests
app contains at least 1 functioning endpoint for each type of request(get, post, put, delete) that follows RESTful standards and is connected to the front end	Planned in table above
app contains at the least the following css properties and values: hex codes, rgb, rgba, padding, margin, border	Make sure to check these off as you style your app
pick 2 from the following categories	
student choice: at least 1 endpoint contains a query, which is accessed correctly in the controller file	
student choice: destructuring is used to define variables from 2 of the following objects: req.body, req.params, req.query, this.state, any custom object	I'll use on req.body, this.props, or this.state

student choice: app has a title and description (index.html in public folder)	I'll add this to my html
student choice: flex box used correctly in 1 CSS code block, must change the default justify-content and align-items values	I'll use flex-box to display the products
student choice: app contains at least 2 correctly used semantic tags	