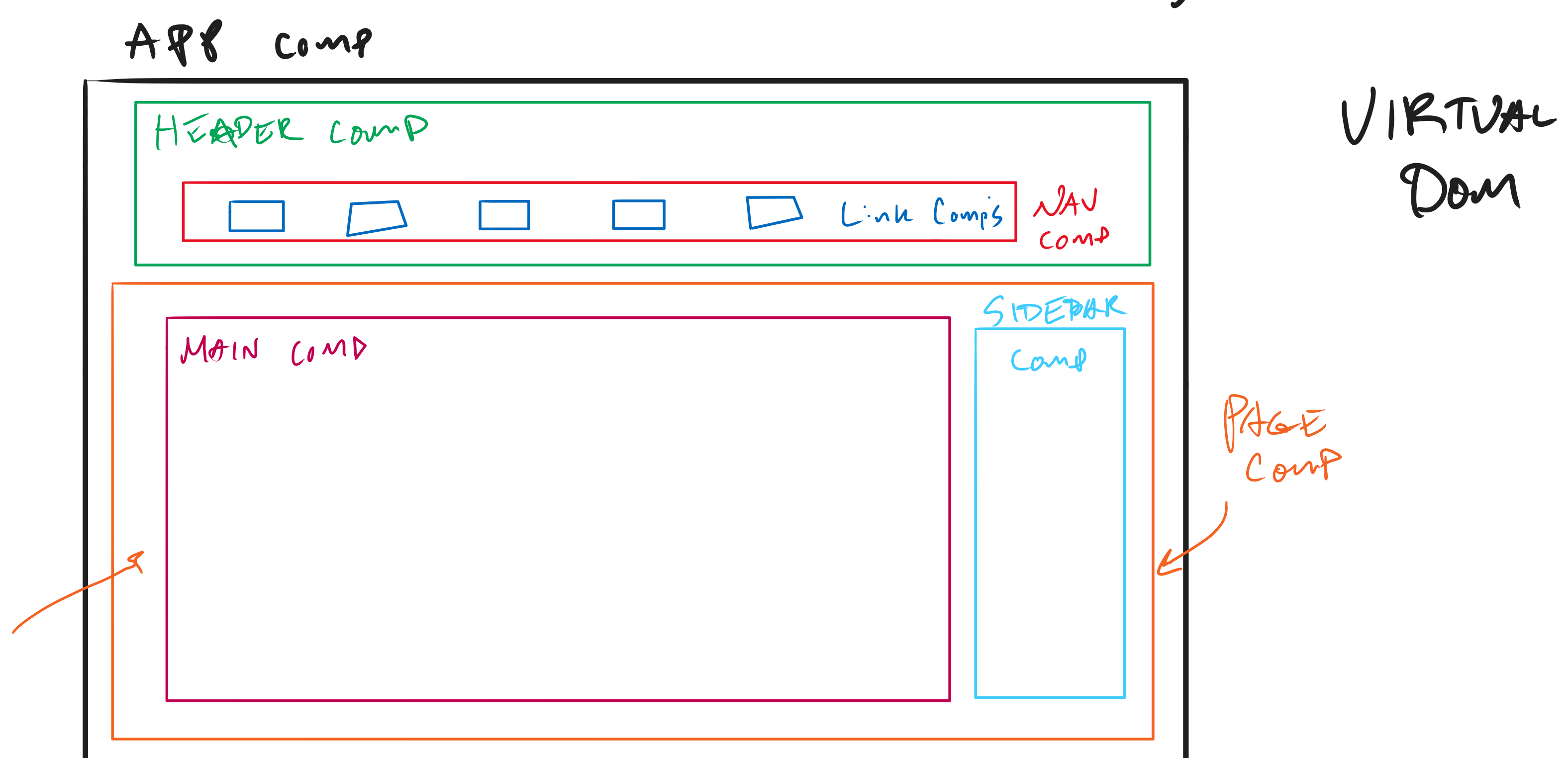


REACT OVERVIEW

- React is a JS framework for SPAs
- It uses the MVC framework also
 - state is maintained while the app is up
- Ultimately, it's HTML, CSS, JS

COMPONENTS in React

- self-contained unit
- Components can contain other components
- reusable when/wherever we want
- feed in data to customize each instance
- Can be tiny, like a single link/list item
- or they can be entire pages, etc.
- in the code, they look like HTML tags



EACH COMPONENT = a method that returns content to be displayed

USE JSX = HTML with JS dynamically inserted

Components get exported, then imported elsewhere

- we also import other packages @ the app level, then in files

React uses NPM = Node Package Manager for project dependencies

Moving Data/State/Behavior between components

- Parent-to-child → pass data via props
- Child-to-parent → pass down a parent method the child can run

When a component is not visible, it does not exist, and its data is lost!!