Home Page Creator

The main objective of this project is to create a home page for the user. The user has power to update the React Custom CSS and HTML tags directly on the page, so he doesn't have to spend more time on the deployment instead he creates and updates the pages directly from the Page. The user of this page is developer

Target Audience

The audience of this project is the developers who have knowledge on React Custom CSS and HTML tags, who want to focus on their profile update rather than the page deployment.

Business Requirements

nouns: color verbs: color

- User should be able to create his page by providing his username and custom URL
- He can Create his page Blueprint based on his interest
- The page Blueprint can be 2d as the components can be added in rows and columns wise
- Users have the power to create each component with the help of React custom HTML and CSS tags
- The component can render in sidewise while the user creates the component, so the user can add or update the component accordingly
- Once the user finishes the development of his components he can navigate to his webpage
- All the components can be persisted in the browser in case if the user browser refresh, he will be able to continue his previous webpage creation.

Nouns & Verbs

Nouns

1. Page
   a. Username
   b. Custom URL
2. Blueprint
   a. Rows
   b. Columns
3. Component
   a. HTML
   b. CSS
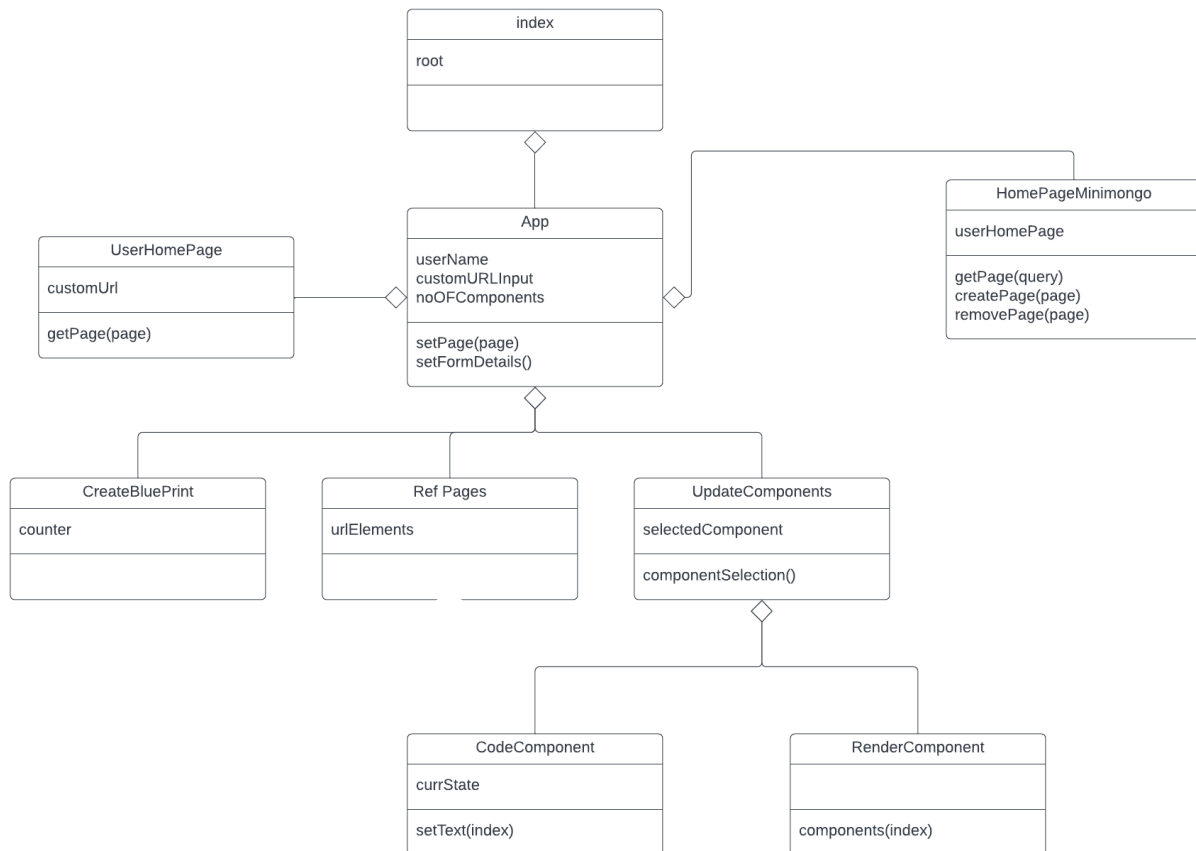
Verbs

- Create Page
- Render Component
- Add Component
- Update Component
- Navigate
- Persist

- Create Page:
  - User: Developer
  - Task: Developer creates his home page without the purpose of the deployment

- Create Blueprint
  - User: Developer
  - Task: Developer creates his page blueprint by creating 2d components

- Create Component
  - User: Developer
  - Task: Developer can create his component by react custom CSS & HTML

- Render Individual component
  - User: Developer
  - Task: The developer can view his component side wise to validate the HTML and CSS of each component

- Navigate to Page
  - User: Developer
  - Task: Once the developer creates his page he can navigate to his page. The url of the page will be /homepage_creator/user_home_page:<custom_url>

- Store the data in Brower Storage:
  - User: Developer
  - Task: Once the developer starts creating the page the data needs to be stored in the browser storage. It helps to continue his webpage creation even if there are any browser issues

Modules Diagram

index
root

App
userName
customURLInput
noOFComponents

setPage(page)
setFormDetails()

UserHomePage
customUrl

getPage(page)

HomePageMinimongo
userHomePage

getPage(query)
createPage(page)
removePage(page)

CreateBluePrint
counter

Ref Pages
urlElements

UpdateComponents
selectedComponent

componentSelection()

CodeComponent
currState

setText(index)

RenderComponent

components(index)

Interface mockups

The use can create the Blueprint of his homepage with the Username and URL information.

User can add CSS/HTML to each of his component. He can also find the ref pages at the bottom of website.