Website Splash Weaver

Low Level Design



Website Builder Components

**UI Components:** To load the Homepage and list all the pages created.

1. ui.controller.js
2. home - load home page with list of pages created
3. editor – Load selected page in the editor
4. ui.route.js

It has routes to below

1. home page
2. view page by rendering the html
3. editor page
4. invalid Route – 404 page

**Page Components**: This is used for page CRUD operations and for loading pages on editor using View Component

1. page.controller.js – The below functions available
2. createPage
3. deletePage
4. listPages
5. pageDetails
6. savePageContent
7. updatePage
8. Page Route – The below routes available
9. changeContent
10. create
11. update
12. deletePageRecord
13. details
14. list
15. loadContent
16. page.modal.js – Page schema as shown below
17. name
18. slug
19. content
20. timestamp
21. page.services.js – The actual call functions to take care of controller functions is available here.
22. createPage
23. listPages
24. deletePage
25. pageDetails
26. savePageContent fin
27. PageById

**View Component**: This is used as view template for supplying the page content to editor and view page routes.

1. home.hbs
2. editor.hbs
3. render.hbs
4. home.hbs

**Renderer Component:** This is used to render the page created to be viewed on the browser.

1. render.controller.js – to render the selected page as html
2. renderHtml

React-GrapeJs Components

**Page Editor:** React and Grapes Js are used to build the page editor.

1. Editor.js
2. geditor\_config.js
3. geditor\_utils.js

Page Editor screen is divided into multiple parts which supports multiple components as options for designing the page

1. Side Bar
2. Sidebar.js
3. Top Navigation
4. TopNav.js
5. Page Section
6. PageSection.js
7. Page Detail
8. PageDetail.js

**Home Page:** This is used to create the new web page. The created pages are listed in the table with options available for View, Edit and Delete the created pages.

1. Home.js

**Plugins:** This are added as components to be used for adding components in editor for page designing.

1. Swiper
2. blocks.js
3. components.js
4. index.js
5. Tailwind
6. tailwind\_classes.js
7. components.js
8. index.js
9. trait.js

**Redux:** It allows React components to read data from a Redux Store, and dispatch Actions to backend application in this case to website builder to Store/Retrieve the data.

1. PageAction.js
2. PageReducer.js
3. index.js
4. store.js