**DOCUMENTATION**

Sitemap: <https://hitsresearch-demo.netlify.app/sitemap.xml>

Site Structure:

Graphical user interface

Description automatically generated with low confidence

Site Structure link: <https://octopus.do/bcq96x7s168>

Directory structure:

├── archetypes

├── content

├── data

├── layouts

├── resources

├── static

├── themes

└── config.toml

1. archetypes  
   It contains the content template files and defines preconfigured front matter, page structure, with its headings and other repeatable elements. when a new page is created using ‘hugo new’ command.
2. content  
   All content for the website will live inside this directory. Each top-level folder in Hugo is considered a content section. This site has four main sections—contactus, forstudents, publications and team—with directories at content/contactus, content/forstudents, content/publications and content/team. Hugo uses sections to assign default content types.
3. data  
   This directory is used to store configuration files that can be used by Hugo when generating the website. File types can be in YAML, JSON, or TOML format.
4. layouts  
   (Here the Layout is empty as we are using layouts from themes)  
   Stores templates in the form of .html files that specify how views of the content will be rendered into a static website. Templates include list pages, your homepage, taxonomy templates, partials, single page templates, and more.
5. resources
6. static  
   Stores all the static content: images, CSS, JavaScript, etc. When Hugo builds the site, all assets inside the static directory are copied over as-is.
7. themes  
   Here we keep the theme.
8. config.toml  
   config.toml contains the data for the 'site title', 'the navbar menu', and the contents of the home page.

Theme structure:

├───archetypes

│ └───default.md

├───assets

│ ├───css

│ └───js

├───layouts

│ ├───\_default

│ ├───contactus

│ ├───courses

│ ├───forstudents

│ ├───partials

│ ├───publications

│ └───team

├───static

│ └───plugins

├── LICENSE

└── theme.toml

1. archetypes  
   Theme archetypes can also contain archetype file which can be used for specific type of pages but in our case, we are using the archetypes in the main directory of the site. So, the default.md doesn’t contain anything specific.
2. assets  
   Stores all the files which need be processed by Hugo Pipes. Here it contains all the css and javascript files. This file isn’t created by default using ‘hugo new theme’ command.
3. Layouts

* \_default   
  It contains three html files (baseof.html, list.html, single.html) by default. The base template for all the pages is baseof.html and it includes the necessary partial files. To display the list of news the list.html template is used and for single news view single.html is used.
* contactus  
  This folder contains the html template for >>CONTACT US<< page.
* courses  
  This folder contains html templates for all the four subpages of >>TEACHING<<.
* forstudents  
  Contains the HTML template for >>TEACHING<< page
* partials  
  Partials are smaller, context-aware components in the list and page templates that can be used economically to keep the templating DRY (Don't repeat yourself). So now, we don’t need to repeat same code block again and again.
* Publications  
  Contains the HTML template for >>PUBLICATIONS<< page
* team  
  Contains the HTML template for >>TEAM<< page

1. static  
   Inside this folder we have all the plugins we need for the website.
2. LICENSE  
   A license is created by default when a theme is created by ‘hugo new theme’ command.
3. theme.toml  
   theme.toml is the template for a Hugo theme.

Creating a content page and adding front matter to list pages:

1. New page can be created using new command.  
   $ hugo new pagename/\_index.md   
   \_index.md has a special role in Hugo. It allows you to add front matter and content to your list templates. These templates include those for section templates, taxonomy templates, taxonomy terms templates, and your homepage template.
2. For adding front matter to the page, we need to create a folder with same name in layout of the currently using theme.  
   This folder can have any other name but, in that case, we need to add the layout folder as type inside \_index.md.
3. Then create a list.html page inside that folder and add sections according to need.  
   This HTML file can have another name but, in that case, we need to add the file name as layout inside \_index.md.

Creating a theme:

References:

1. <https://gohugo.io/getting-started/>
2. <https://retrolog.io/blog/creating-a-hugo-theme-from-scratch/>