

The logo for 'enJ engineering UI Builder' is displayed within a light gray rounded rectangle with a yellow border. The word 'enJ' is in a bold, italicized, black sans-serif font. The 'J' is stylized with a yellow outline and a black fill. To the right of 'enJ', the word 'engineering' is in a black, italicized, sans-serif font. Below 'enJ', the words 'UI Builder' are in a black, sans-serif font.

enJ engineering

UI Builder

Pierson, Jake, Jadi, Payton

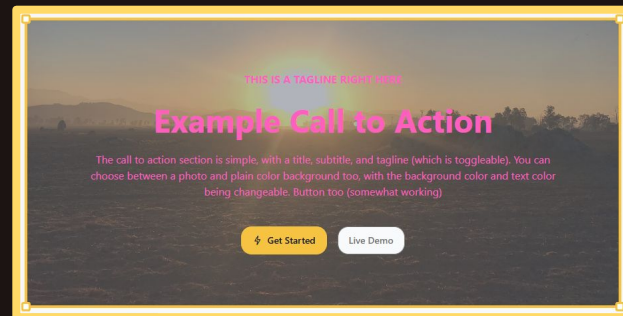
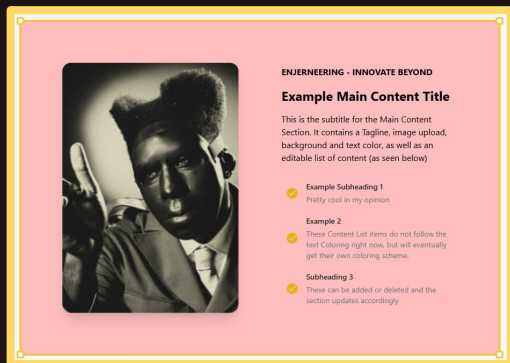
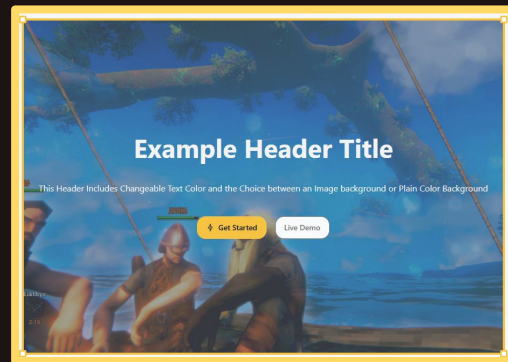
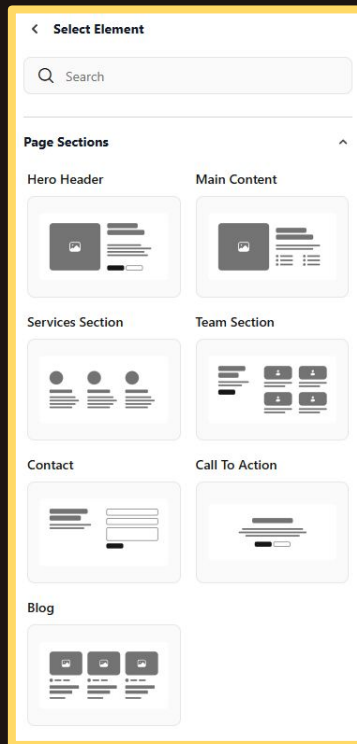
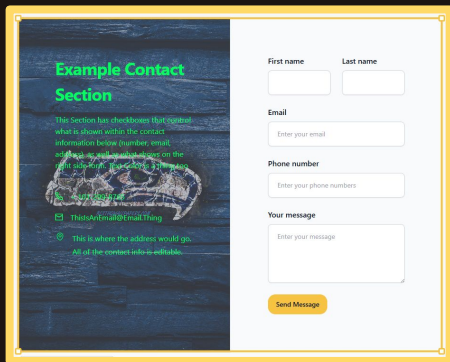
Something Interesting...



New Features

Functional Sections in Pages

- Sections within pages (the components that are able to be dragged and dropped) are working.
 - 4 out of the 7 sections work
 - We have big conceptual plans for service section, Team Section and Blog are almost completely unbuilt, so we'll have to build that from the ground up

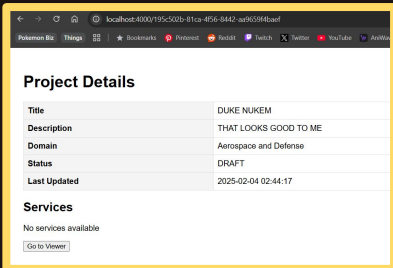
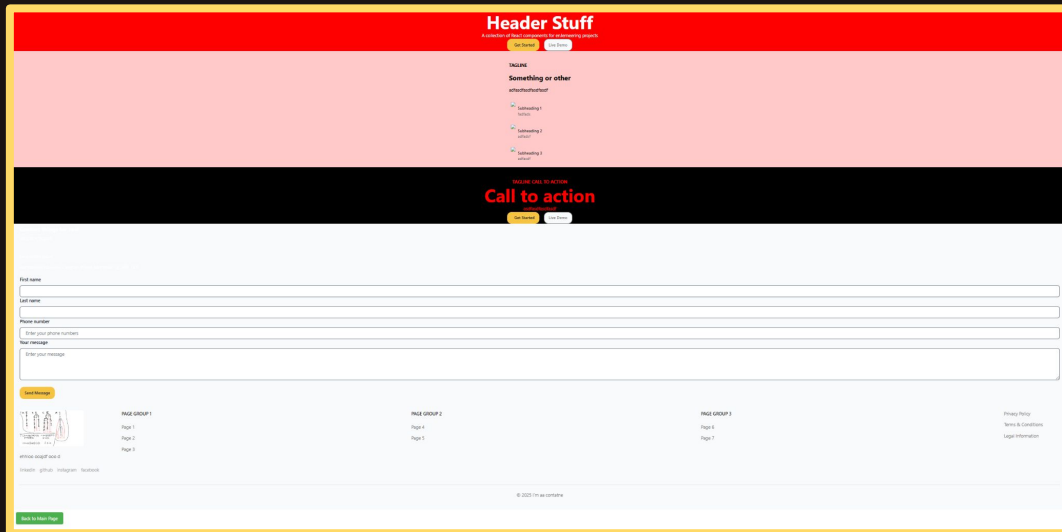
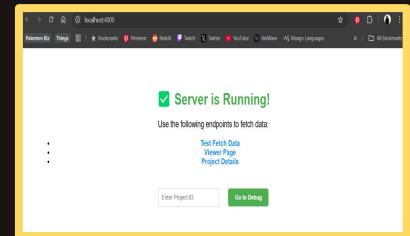
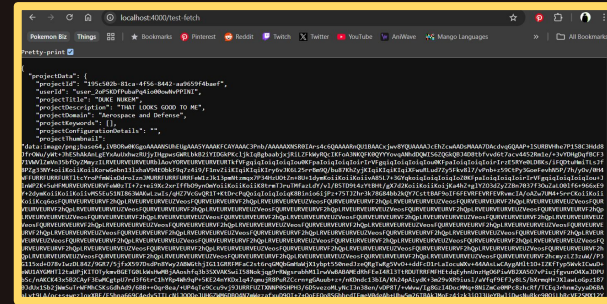


Connection to Business Requirement

- The Layers within the Pages of the builder are the backbone of the drag and drop functionality of the project
- The components are dynamically rendered, so you can see your changes as you make them
- Elements can be moved within the builder to the desired order and exported in that way

Beautified WebInfoViewer

- Tailwind implementation
- Building out the Sections and Elements being shown
 - Data is sent fully, but some CSS is messed up between full size web view and builder, so components are slightly wrong in preview



Connection to Business Requirement

- The WebInfoViewer is the proof of concept for the exportable web framework that is getting more fleshed out each iteration
- This Iteration saw WebInfoViewer become much more dynamically functional and less hard coded
 - The Sections are being pulled and previewed in whatever order they're created instead of in specific hard coded order
- A lot of debugging options were added to WebInfoViewer as well
- WebInfoViewer will serve as the framework for how projects are eventually exported and deployed.

Client and Mentor Feedback

- **Evan (Mentor)**
 - “It seems like you guys made a lot of progress towards the end website”
 - He thought us having a good grasp of how things are working with sections and WebInfoViewer will bode well for us in future iterations and making smooth progress.
- **Jerrod (Client)**
 - Overall, quite pleased. Looked very good in terms of progress, and good start to big things in the future.
 - Happy about how well the project ran when he was using it (after the beginning dependency issue)

Client Use of Project

- Client ran the WebInfoViewer and the Enjerneering project that tested the features within both and how they work together.
- Jerrod tested new project debug in WebInfoViewer and the Call To Action section of the builder in Enjerneering
- He was impressed with amount on webinfoviewer and integration between the two projects.
 - “Being able to integrate projects like that together with supabase is a very standard way of doing things and you pulled it off well. Good Job” - Jerrod
- Some Issues Were Present:
 - Node modules in WebInfoViewer needed to be gitignored (fixed)
 - some package.json startup dependency issues with ts.node (fixed in the moment)
 - tailwind had some issues that didn't allow Jerrod to start initially (fixed in the moment)
- After issues were fixed in the moment, showing went very smoothly, and Jerrod was very happy with the progress

Fourth Iteration Feature

Turn on the rest of Section Components

Service Section, Team Section, Blog will all be functional

Correcting Full Screen Webpage Preview CSS

The preview has the correct data being passed, but its visual formatting is a not the same between the builder and full page preview

Rendered HTML Exporting

The components and functionality that creates the preview, will be able to be packaged into a zipped folder

Enable Project Data Population When Editing

Will show users the data they have in their project/builder when trying to edit

Team Member Contributions (1)

- **Pierson**

- Add Sections Functionality to Enjerneering Builder
 - Making them dynamically render
 - Making them editable
 - Added data saving and storing for layer data)
- Add section/layer data pulling to WebInfoViewer
- Dynamic Display of Layers in WebInfoViewer
- Fixed multiple bugs/issues within Enjerneering and WebInfoViewer

- **Jake**

- Web info viewer conversion to typescript. Enjerneering full data push to Supabase. Web viewer full data pull from supabase. WebViewer updates including debug options and test data pulls. Web Viewer Dynamic display. Bug fixes including delete, update, project name

Team Member Contributions (2)

- **Jadi**
 - Added tests using Vitest framework to WebInfoViewer (previously had no testing)
 - Updated tests in EnJerneering UI Builder
 - Configured coverage reports
- **Payton**
 - Help update tests in WebInfoViewer
 - Help add functionality in Enjerneering