

Date	Task	Time Involved	Team Member Responsible (Student Initials)	Place
December 13, 2023	Finalize who'll do what.	0:10	ED, MW	School
December 13, 2023	Decide on stack—Deno/Fresh.	0:30	ED, MW	Home
December 14, 2023	Start working on design.	0:20	ED, MW	School
December 14, 2023	Configure Fresh.	1:00	ED	Home
December 15, 2023	Vendor some of "Fresh Components."	6:00	ED	Home
December 16, 2023	Add dark mode, and a dummy unit test; make ts stricter and fix some lints; use a src/ dir; add some CSS to the index pages; configure HeadlessUI.	6:00	ED	Home
December 17, 2023	Fix ARIA issues; use HeadlessUI menus and other pretty-ifying things in the header; refactor the footer and pretty-ify it; add Deno Deploy; fix lighthouse issues (We've a perfect score now!); fix up the footer to be responsive (that took most of the time).	6:00	ED	Home
December 18, 2023	Fix a few alignment bugs in the footer; add in meta tags; use a popover in the header.	5:00	ED	Home
December 19, 2023	Switch out some divs for semantic-er markup; extract page covers out to its own component; stylistic fixes.	2:30	ED	Home
December 20, 2023	Optimize some assets.	0:40	ED	Home
January 6, 2024	Bump dependencies; migrate code; merge PR to use Biome.	1:35	ED	Home
January 7, 2024	Add the ability to create (some) pages dynamically, and add a stub Solar Page to test it.	0:50	ED	Home
January 8, 2024	Bump the Biome version, and clean up some code.	3:25	ED	Home
January 8, 2024	Researched green energy.	0:30	MW	Home
January 9, 2024	Revamp imports; add Zod for runtime type validation.	2:00	ED	School
January 9, 2024	Simplify types and reduce duplicity in content.	1:15	ED	Home
January 9, 2024	Centralize the content in the header and footer.	4:45	ED	Home
January 10, 2024	Fix some CSS.	0:30	ED	School
January 10, 2024	Experiment with Server Rendering.	2:30	ED	Home

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January 10, 2024	Fix some more CSS.	3:00	ED	Home
January 11, 2024	Fix yet more CSS	0:10	ED	Home
January 11, 2024	Refactor internal data validation and types.	2:10	ED	Home
January 17, 2024	Squash some bugs, make some stylistic tweaks.	1:30	ED	Home
January 18, 2024	Fix the coloring for anchor links, bump Biome, move content to markdown files.	1:30	ED	Home
January 18, 2024	Truly began research into green energy. Primarily focused on solar panels.	3:00	ED, MW	Home
January 20, 2024	Use MDX, change the style of footer headers.	3:10	ED	Home
January 22, 2024	Refactor MDX generation, add back support for frontmatter, lint MDX, clean up scripts.	4:15	ED	Home
January 23, 2024	Fix MDX linting, generate category data ahead of time.	1:30	ED	Home
January 23, 2024	Discuss plans for website features.	1:00	ED, MW	School
January 24, 2024	Us Copilot to lovingly comment out the code.	1:00	ED	School
January 24, 2024	NS joined. Discuss plans for design.	1:00	NS,MW	School
January 24, 2024	Refactor some internals.	0:45	ED	Home
February 5, 2024	Make minor tweaks to MDX generation.	0:05	ED	School
February 6, 2024	Finish solar and geothermal research and writing.	1:30	MW	Home
February 7, 2024	Discuss timeline.	0:30	ED,NS,MW	School
February 8, 2024	Make fixes.	0:10	ED	School
February 11, 2024	Start making MDX compilation recursive.	1:00	ED	Home
February 12, 2024	Finish making MDX compilation recursive.	0:30	ED	Home
February 20, 2024	Research, create graphics.	1:00	MW	Home
February 21, 2024	Research recycling	1:00	NS	Home
February 21, 2024	Refactor routing, internals.	3:00	ED	Home
February 22, 2024	Make types a bit stricter.	1:15	ED	Home
February 25, 2024	Fix test.	0:05	ED	Home
February 28, 2024	Finished recycling research, designed price algorithm, and added information to website.	4:00	MW,ED,NS	School
February 29, 2024	Add in content.	3:00	ED	Home

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February 29, 2024	Researched and attempted to add an AI interface.	2:00	MW,ED	School
February 29, 2024	Finished all research and writing.	1:00	MW	Home
March 1, 2024	Researched Chat GPT implementation, discussed which model to use, and created base AI assistant .	1:00	MW,ED	School
March 1, 2024	Add index pages.	4:30	ED	School
March 2, 2024	Add rest of solution pages, update homepage.	1:00	ED	Home
March 3, 2024	Investigate SEO, perf optimizations, run lighthouse in CI.	3:10	ED	School
March 3, 2024	Fine-tune Why Switch AI to give it responses based on our research and have it give accurate price estimates.	1:30	MW	Home
March 3, 2024	Write solar price calculator algorithm.	2:00	MW	Home
March 4, 2024	Mostly finish solar price calculator.	3:30	ED	Home
March 5, 2024	Polish solar price calculator.	2:00	ED	School
March 5, 2024	Develop geothermal price calculator algorithm.	1:30	MW	Home
March 6, 2024	Started on Chatbot.	3:15	ED	Home
March 7, 2024	Continue working on Chatbot.	1:30	ED	Home
March 8, 2024	Continue working on Chatbot.	2:00	ED	Home
March 8, 2024	Worked on logo and other tasks	1:00	MW,ED	School
March 9, 2024	Bump Biome, fix new lints, make some minor refactors.	1:00	ED	Home
March 10, 2024	Continue working on Chatbot, allow more SRR for perf.	2:30	ED	Home
March 11, 2024	Finished logo and started adding images to the website	1:00	MW, ED	School
March 11, 2024	Finished graphics and worked on implementing images	1:30	MW	Home
March 11, 2024	Work on calculator, continue working on Chatbot, add new logo.	1:00	ED	School
March 12, 2024	Worked on adding images into the MDX files.	1:00	MW,ED	School

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March 12, 2024	Work on calculator, continue working on Chatbot, try animating icons.	2:00	ED	School
March 13, 2024	Work on calculator, continue working on Chatbot.	0:30	ED	School
March 13, 2024	Got all images added to website and discussed what we need to finish	1:30	MW,ED	School
March 13, 2024	Rewrote "Other" section, added alt text, added more content to recycling, and fixed issues	2:30	MW	Home
March 13, 2024	Work on calculator, continue working on Chatbot.	2:00	ED	School
March 14, 2024	Fixed merge conflicts and typographical issues.	1:00	MW,ED	School
March 14, 2024	Finish Calculator.	1:00	ED	Home
March 15, 2024	Remake logo again, PWA-ify, add page metadatas, add a csp, make images transparent, update the prose.	2:45	ED	Home
March 17, 2024	Lots of bugfixes, start rewriting chatbot.	1:30	ED	Home
March 18, 2024	Continue rewriting chatbot.	1:15	ED	Home
March 19, 2024	Bump deployctl, assess chatbot status.	0:05	ED	Home
March 20, 2024	Finish Chatbot rewrite!	3:45	ED	Home
March 21, 2024	Make last minute polishes website, change OpenAI model to GPT-4-Turbo, and make the "about" page.	2:45	MW,ED,RH	Home
March 21, 2024	Last minute fixes.	2:15	ED	Home
March 23, 2024	Bump Fresh, migrate to JSR.	1:00	ED	Home
March 24, 2024	Fix bugs.	0:30	ED	Home
April 8, 2024	Fix more bugs.	0:30	ED	Home
May 3, 2024	Get back in the habit!	2:30	ED	School
May 4, 2024	Fix imports.	0:10	ED	Home
May 7, 2024	Fix the CSP again, fix partial client navigation, bump Biome, fix	0:45	ED	School
May 8, 2024	Bump Unified.js collective, TailwindCSS, Preact Signals, Standard Library, OpenAI, Zod, HeadlessUI; get on Google's index, update LH config.	3:00	ED	School

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May 9, 2024	Use OpenAI polling utilities rather than rolling our own, fix lighthouse, use avif files for all static image assets, use Canva-native transparency, fix wrapping in header, begin upgrading HeadlessUI, add LHCI assertions, optimize SEO.	4:00	ED	School
May 10, 2024	Work on upgrading HeadlessUI.	0:20	ED	School
May 12, 2024	Work on upgrading HeadlessUI.	1:00	ED	Home
May 13, 2024	Work on upgrading HeadlessUI, concede defeat.	1:45	ED	School
May 14, 2024	Miscellaneous UI fixes, begin new method of upgrading HeadlessUI.	3:30	ED	Home
May 15, 2024	Finish migrating to Headless v2.	1:30	ED	School
May 15, 2024	Polish. Particularly, add a scroll progress bar.	3:00	ED	Home
May 16, 2024	Refine. Particularly, make the header sticky.	5:30	ED	School
May 17, 2024	Begin rewriting index page, rework image animations, major editing and rewording.	3:00	ED	Home
May 18, 2024	Begin work on extensible heros, refactor calculator routing, add a custom scrollbar,	3:45	ED	Home
May 19, 2024	Change some colors and ordering, add a quickstart page, and clarify licenses.	3:30	ED	Home
May 20, 2024	So many CSS transitions and animations.	6:45	ED	School
May 21, 2024	Found higher quality images for the website	1:30	MW	School
May 21, 2024	File issue in Fresh about CSR bug, mostly add carousels.	6:15	ED	School
May 22, 2024	Finished finding images and wrote a article on biomass power	1:00	MW	School
May 22, 2024	Finish carousels, fix bugs, update documentation, fix big iOS bug. May Apple rest without peace.	2:00	ED	School
May 22, 2024	Fix the spawn of the WebKit, a Chrome bug!	0:45	ED	Home

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May 22, 2024	Fix typo, switch to a less pixelated image for geothermal, improve webmanifest, fix calculator CSS, memoize carousel CSS.	1:00	ED	Home