

IUG 2024 Hack-A-Thon




























































Appless Checkouts *(It's a big deal)*

Web NFC API

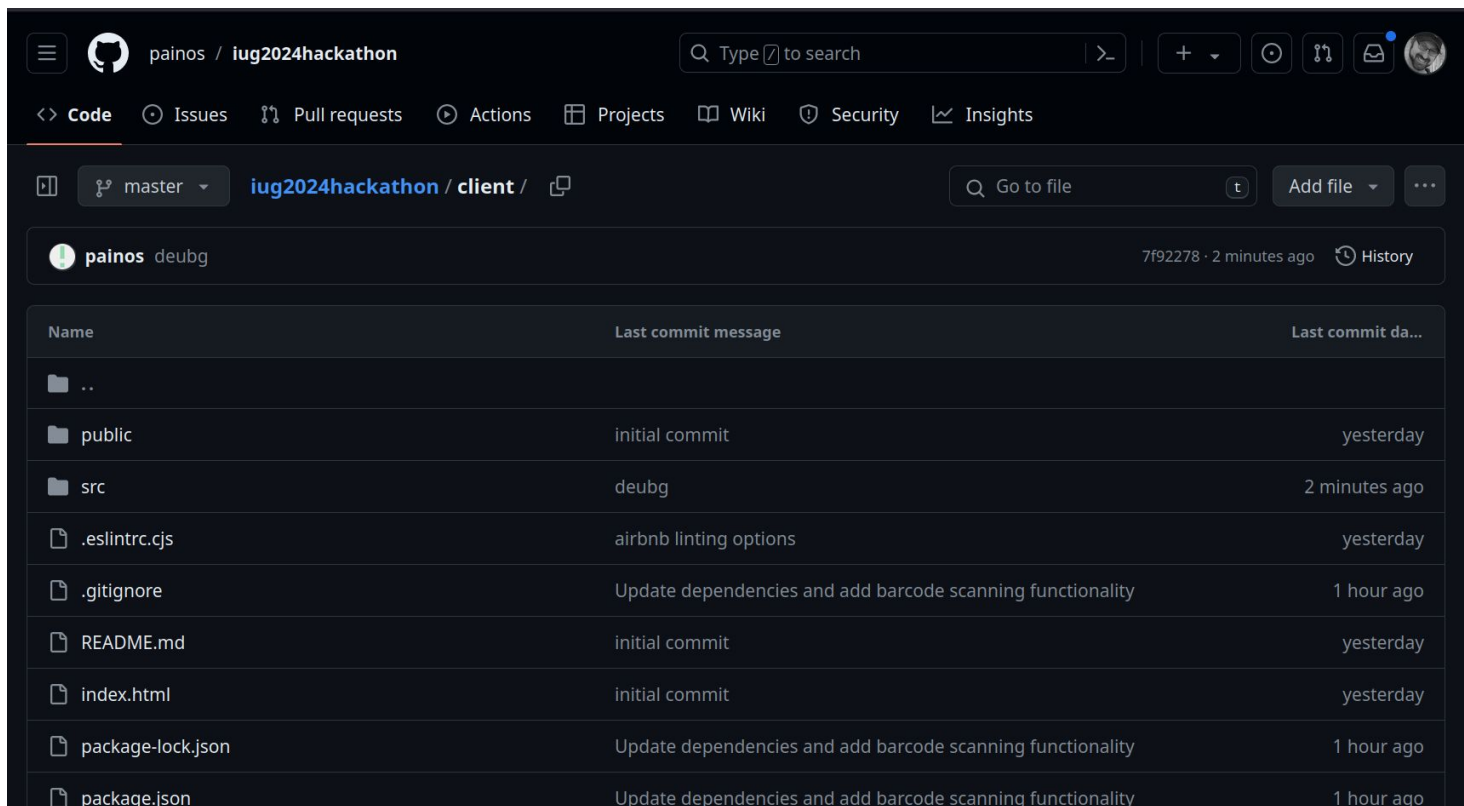
The Web NFC API allows exchanging data over NFC via light-weight NFC Data Exchange Format (NDEF) messages.

Browser compatibility

[Report problems with this compatibility data on GitHub](#)

	🖥️					📱					
	Chrome	Edge	Firefox	Opera	Safari	Chrome Android	Firefox for Android	Opera Android	Safari on iOS	Samsung Internet	WebView Android
<code>NDEFReader</code> 	 No	 No	 No	 No	 No	✓ 89	 No	✓ 63	 No	✓ 15.0	✓ 89
<code>NDEFReader()</code> constructor 	 No	 No	 No	 No	 No	✓ 89	 No	✓ 63	 No	✓ 15.0	✓ 89
<code>makeReadOnly</code> 	 No	 No	 No	 No	 No	✓ 89	 No	✓ 63	 No	✓ 15.0	✓ 89
<code>reading_event</code> 	 No	 No	 No	 No	 No	✓ 89	 No	✓ 63	 No	✓ 15.0	✓ 89
<code>readingerror</code> event 	 No	 No	 No	 No	 No	✓ 89	 No	✓ 63	 No	✓ 15.0	✓ 89
<code>scan</code> 	 No	 No	 No	 No	 No	✓ 89	 No	✓ 63	 No	✓ 15.0	✓ 89
Secure context required 	 No	 No	 No	 No	 No	✓ 89	 No	✓ 63	 No	✓ 15.0	✓ 89
<code>write</code> 	 No	 No	 No	 No	 No	✓ 89	 No	✓ 63	 No	✓ 15.0	✓ 89

<https://github.com/painos/iug2024hackathon/tree/master/client>



The screenshot shows the GitHub interface for the repository 'painos / iug2024hackathon'. The current view is the 'client' directory on the 'master' branch. The file tree is as follows:

Name	Last commit message	Last commit da...
..		
public	initial commit	yesterday
src	deubg	2 minutes ago
.eslintrc.cjs	airbnb linting options	yesterday
.gitignore	Update dependencies and add barcode scanning functionality	1 hour ago
README.md	initial commit	yesterday
index.html	initial commit	yesterday
package-lock.json	Update dependencies and add barcode scanning functionality	1 hour ago
package.json	Update dependencies and add barcode scanning functionality	1 hour ago

Software Stacks Used:

**React, Bun, express, tailwindcss,
Javascript, web NFC**

Login to Appless Checkout

Library Card

 Scan

PIN

Clean

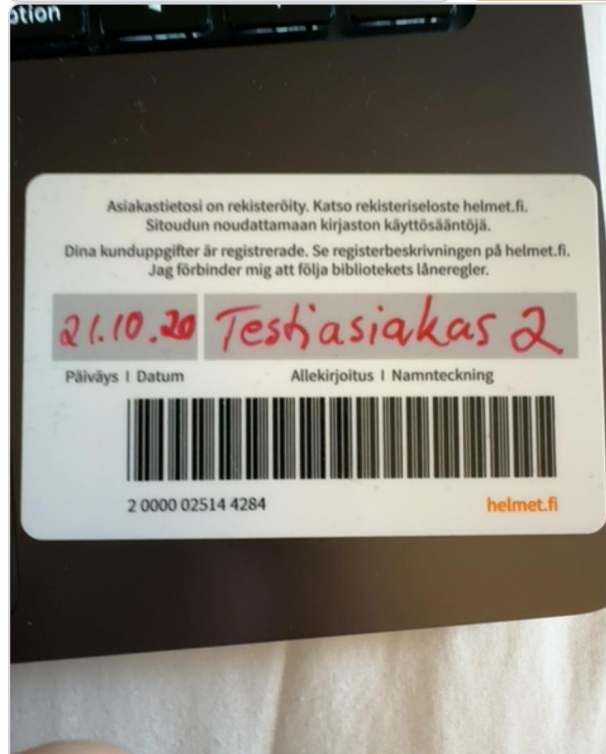
Login

Login to Appless Checkout

Library Card

20000025144284

 Scan



Scanned items



Click the icon above to scan a barcode or RFID

To Kill a Mockingbird - Checkout successful. Due date: 25/03/2024

Loistava ystäväni : lapsuus ja nuoruus - Checkout successful. Due date: 25/03/2024

Saattaja - Checkout successful. Due date: 25/03/2024