

# Backend Buddy

*A Developer's Ultimate Toolkit today!*

The background of the lower half of the image is a vibrant, abstract composition of colorful splatters and dots in shades of blue, purple, pink, and orange. In the center of this background is a large, white, circular area that serves as a backdrop for the text.

**LESSONS  
VS  
REFLECTIONS**

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# Weekly Retrospectives

*"A little focus saves a lot of time!"*

[Home](#)

## History

## Members

## Settings



🔍 Enter a retrospective name to search

[illegible][illegible]

# Wednesday November 27

## 4.0

### Name Sprint-Ret...

[illegible]

Retrospective name

## Dec 11 Sprint 4

**Wednesday December 11, 2024**

 Rename

# Group coding sessions

*"Unified Coding, Unified Progress"*

- Kept us all aligned and allowed for real-time problem-solving. Sometimes, it was challenging to manage everyone's contributions and ensure that tasks were being completed as planned.
- Could be less productive if not well-organized or focused.



# Regular meetings

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3 of 9

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Updated invitation: CSE 210 Mid-Sprint meeting @ Wed Nov 27, 2024 12pm - 2pm (GMT-8) (Anusha Ravichandran) Inbox x

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5 of 9

Hailey Li via calendar-server.bounces.google.com  
to me, Adrian, Jake, Laura, Nikhil, Samyak, Tim, yuj076 ▾

Nov

CSE 210 Sprint 3 [master's lounge]  
[View on Google Calendar](#)

Updated invitation: CSE 210 Sprint 1 - Master's Lounge (CSE 2nd floor) @ Wed Nov 13, 2024 12pm - 1pm (GMT-8) (Anusha Ravichandran) Inbox x

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8 of 9

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Invitation: CSE 210 Team meeting @ Weekly from 12pm to 1pm on Wednesday (GMT-8) (Anusha Ravichandran) Inbox x

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Hailey Li  
to me, Adrian, Jake, Laura, Nikhil, Samyak, Tim, yuj076 ▾

Wed, Nov 6, 12:10 PM

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Nov

6

Wed

CSE 210 Team meeting  
[View on Google Calendar](#)

When

Weekly from 12pm to 1pm on Wednesday from Wed Nov 6 to Tue Dec 17 (GMT-8)

Who

Adrian Layer, Jake Norbie, Laura Tian, Nikhil Gautam, Samyak Mehta, Tim Kraemer, yuj076@ucsd.edu...

Yes

▼

Maybe

No

More options

Agenda

Wed Nov 6, 2024

No earlier events

12pm CSE 210 Sprint 0

No later events

# "Ugly demo" over perfection

☰

Dev Toolkit

D

JSON Formatter

URL Encoder/Decoder

Unix Timestamp Converter

JSON Formatter

Paste your JSON here

Format

Copy to Clipboard

Download Formatted JSON

# Iterative development for all

Dev Toolbox

Prioritized backlog

Status board

Roadmap

In review

My items

New view

Add status update

Iteration

Deselect

Iteration 5

Dec 05 - Dec 11

Current

13

Iteration 6

Dec 12 - Dec 14

3

No Iteration

2

Completed

Iteration 4

Nov 28 - Dec 04

4

Iteration 3

Nov 21 - Nov 27

10

Iteration 2

Nov 14 - Nov 20

9

Iteration 1

Nov 06 - Nov 13

5

Filter by keyword or by field

Discard

Save

Backlog

0 / 3

Estimate: 0

This item hasn't been started

In Development

0

Estimate: 0

This is being worked on

Testing / Quality Assurance

0

Estimate: 0

Documentation should be completed before Testing begins

In Review

Code Review

# Focused meeting goals

Nov 20, 2024 Sprint 2 Meeting

## Meeting notes

### Accomplishments

- CI/CD is currently broken - trying to avoid using npm. Probably getting ESLint up soon
- Unit testing: doesn't exist yet
- Playground: Start modularization with the code, have a runnable page with a side panel up and running, basic JSON formatter functionality in.
  - json-formatter-tool.js handles
  - Samyak: local demo, discuss mobile dropdown/flexibility
- Code style/practice: issue template: four markdown templates: not coding issue, coding issue, feature, bug report
  - Pull request to playground
- ADR: entered
  - To disc



# Modular work structure

```
disconnectedCallback() {  
  // Clean up event listeners when the element is removed from the DOM  
  if (this.formatBtn)  
    this.formatBtn.removeEventListener("click", this.formatJson);  
  if (this.copyBtn)  
    this.copyBtn.removeEventListener("click", this.copyToClipboard);  
  if (this.downloadBtn)  
    this.downloadBtn.removeEventListener("click", this.downloadJson);  
  if (this.uploadBtn)  
    this.uploadBtn.removeEventListener("change", this.handleFileUpload);  
}  
  
copyToClipboard() {  
  const output = this.outputArea.value;  
  if (output) {  
    navigator.clipboard  
      .writeText(output)  
      .then(() => alert("Formatted JSON copied to clipboard!"))  
      .catch(() => alert("Failed to copy JSON to clipboard."));  
  } else {  
    alert("Nothing to copy!");  
  }  
}  
  
downloadJson() {  
  const formattedJson = this.outputArea.value;  
  if (formattedJson) {  
    const blob = new Blob([formattedJson], { type: "application/json" });  
    const url = URL.createObjectURL(blob);  
    const a = document.createElement("a");  
    a.href = url;  
    a.download = "formatted.json";  
    a.click();  
    URL.revokeObjectURL(url);  
  } else {  
    alert("There is no formatted JSON to download.");  
  }  
}
```

You said  
“No more  
modules”

I said  
“No, more  
modules”





# Using GitHub for task tracking

GitHub repository: cse210-fa24-group4 / cse210-fa24-group4

Search: Type  to search

Navigation: <> Code **Issues 4** Pull requests Actions Projects 1 Wiki Security Insights

**Label issues and pull requests for new contributors** [Dismiss](#)

Now, GitHub will help potential first-time contributors [discover issues](#) labeled with [good first issue](#)

Filters  [Labels 9](#) [Milestones 0](#) [New issue](#)

☒ Clear current search query, filters, and sorts

<input type="checkbox"/>	<input type="radio"/> 4 Open <input checked="" type="radio"/> 41 Closed	Author	Label	Projects	Milestones	Assignee	Sort
<input type="checkbox"/>	<input checked="" type="radio"/> <b>Create documentation for URL encoder/decoder tool</b> #130 opened 1 minute ago by samyakmehta28						
<input type="checkbox"/>	<input checked="" type="radio"/> <b>Create documentation for UNIX timestamp convertor tool</b> #129 opened 4 minutes ago by samyakmehta28						
<input type="checkbox"/>	<input checked="" type="radio"/> <b>Update Readme</b> #125 opened 1 hour ago by samyakmehta28						
<input type="checkbox"/>	<input checked="" type="radio"/> <b>Create Documentation for JSON-Formatter tool</b> #110 opened 9 hours ago by jakenorbie12						1

# Contributing based on strengths

*"Play to Your Strengths, Power the Team!"*

- Leveraged individual skills to maintain steady progress.
- Risk of knowledge silos if team members only stick to their strong areas.

