# Backend Buddy

A Developer's Ultimate Toolkit today!



### Weekly Retrospectives

"A little focus saves a lot of time!"



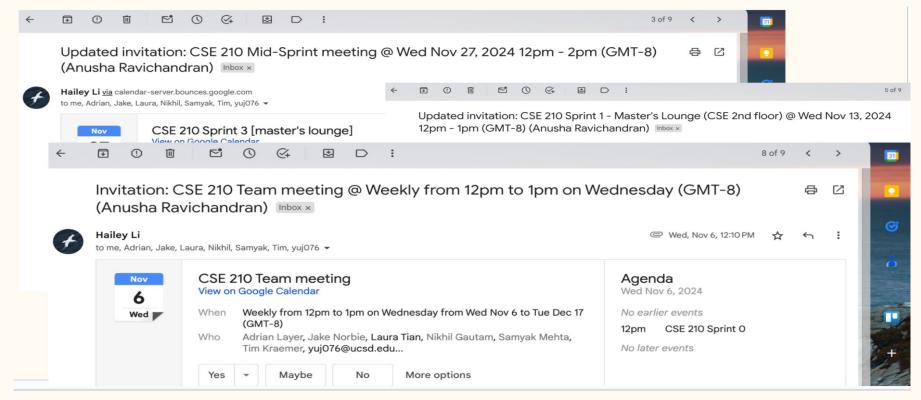
### Group coding sessions

"Unified Coding, Unified Progress"

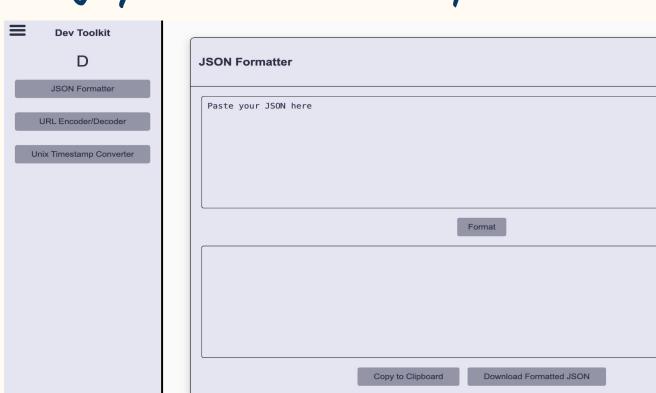
- Kept us all aligned and allowed for real-time problem-solving.
   Sometimes, it was challenging to manage everyone's contributions and ensure that tasks were being completed as planned.
- Could be less productive if not well-organized or focused.



### Regular meetings

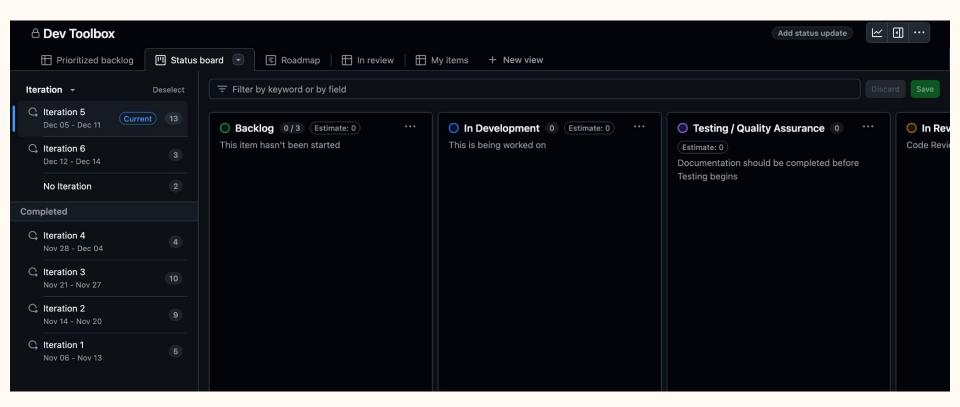


## "Ugly demo" over perfection



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### Iterative development for all



### 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

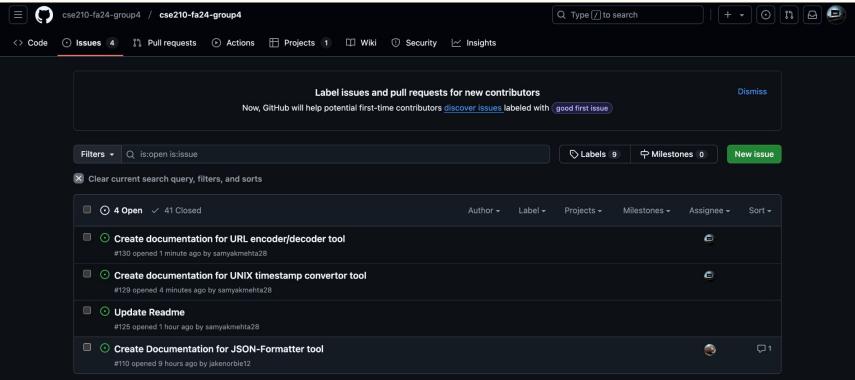
### Modular work structure

```
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."));
    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 I said "No more modules" modules"



### Using GitHub for task tracking



### 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.

