

---

# Cheetah Sign Iteration 2

---

# Team Members Information

Alec Burch-DeWitt

Christian Johnson

Christopher Ortega

Dominic Szpak

Trinity Washington



- A software company that manages workflow processes
- We are tasked with building a document signing application
- People:
  - Josh Rittenhouse, Client
  - Kade Dentel, Mentor
  - Gabe Chandler, Mentor

---

# Software Demo

---

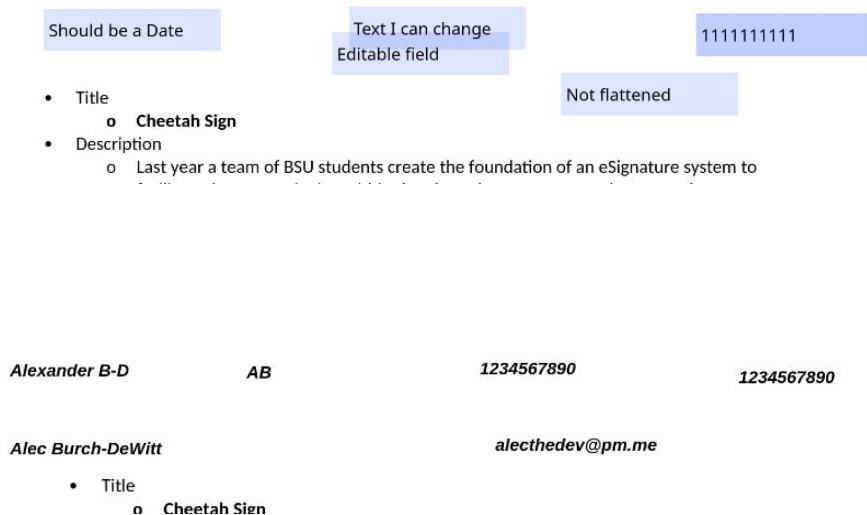
---

# Second Iteration Features

---

# Flattening Document

- All fields are no longer editable after the client has completed signing.
- Previously fields could be edited after signing, which could be problematic for legal documents



# Address Expansion

- Client wanted us to expand the address field to match internal systems
- They first suggested using Google Address Validation API but wanted a free option.
- We explored USPS API for address validation, but they also require a business account and their API is being replaced early 2026
- The client decided that manual validation was enough for now, so fields are now manually validated

Legal Address Line 1 \*

123 Street

Legal Address Line 2 Optional

City \*

Muncie

State \*

Indiana

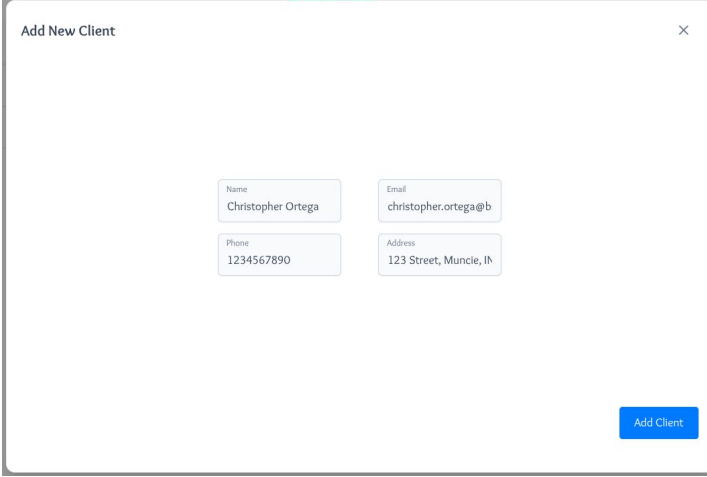
Postal Code \*

12345

Save address

# Pre-Fill Data

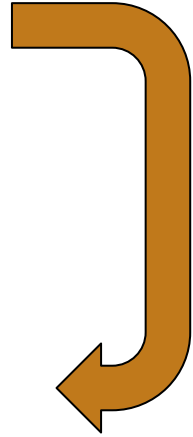
- Client data is to be automatically filled onto the document when the user opens the file to sign.
- Data is added by the admin sending the document, and is applied to the document's fields when the client opens the document to sign



A screenshot of a web form titled "Add New Client" with a close button (X) in the top right corner. The form contains four input fields arranged in a 2x2 grid: "Name" with the value "Christopher Ortega", "Email" with the value "christopher.ortega@b", "Phone" with the value "1234567890", and "Address" with the value "123 Street, Muncie, IN". A blue "Add Client" button is located at the bottom right of the form.



A screenshot of a document signing interface. At the top, there is a progress bar with seven numbered steps (1-7). Step 4 is currently active. Below the progress bar, there is a "Signature" section with a text input field containing the placeholder "Enter your Signature". At the bottom left, there is a "PREVIOUS" button, and at the bottom right, there is a "NEXT" button.





---

# Client Feedback

---

# Client Feedback

- Overall they liked the work we presented for this iteration and said we were making good progress.
- They liked that we implemented the prefill data with multi-client in mind.
  - They knew we would have to rework things here, based on the last teams work
- They'd like more clear highlighting and scrolling when signing
- Moving forward, establish the difference between a *signing* field and a *text* field
  - Signing fields are not autofilled, like signature and initials
  - Text fields will be autofilled, like phone number or address
- Have clients confirm the details of text fields before they are autofilled

---

# Retrospection

---

# Lessons Learned

Alec - Talk to Dr. Ergin when you need help

Christian - Don't underestimate how much time you have.

Christopher - Sometimes things just work and you don't know why.

Dominic - Don't spend too much time on a single solution

Trinity - Don't overthink

# Where to Improve

- Document the remaining TODOs in the code leftover from last capstone team
- Fix integration tests and backend code coverage
- Places leftover from the last group could benefit from some refactoring
  - The previous team did not have much in the way of interfaces, and some areas are minimally implemented and need cleaned up
- We need to ensure the code we write is as clean as possible, because we already are cleaning up the files as we go along

# Iteration 3 Approach

## *Priority features*

- Multi-client signatures
- Client signing order
- Field signing order
- Multi-document packets
- Autofill confirmation

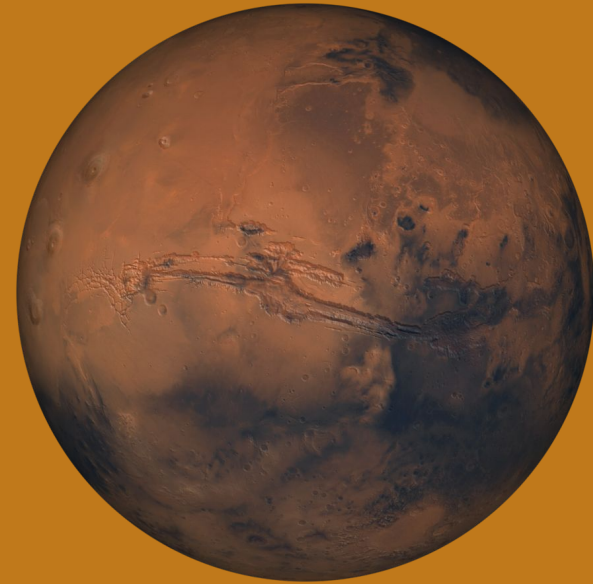
## *Other Features*

- UI/UX enhancements to configuration screens
- Audit trail continuation
- Drawn signature

# Fun Slide! Dream Place to Travel



Llanfairpwllgwyngyllgogerychwyrndrobwlllantysiliogogoch



---

**Q & A**

---