
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

Should be a Date

Text I can change
Editable field

1111111111

Not flattened

- Title
 - o Cheetah Sign
- Description
 - o Last year a team of BSU students create the foundation of an eSignature system to

Alexander B-D AB 1234567890 1234567890

Alec Burch-DeWitt alecthedev@pm.me

- Title
 - o Cheetah Sign

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 *

Legal Address Line 2 Optional

City *

State *

Postal Code *

Save address

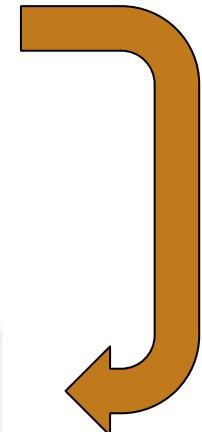
Pre-Fill Data

- 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

Add New Client

Name Christopher Ortega	Email christopher.ortega@b
Phone 1234567890	Address 123 Street, Muncie, IN

Add Client



1 2 3 4 5 6 7

Signature
Enter your Signature

PREVIOUS NEXT

CO

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

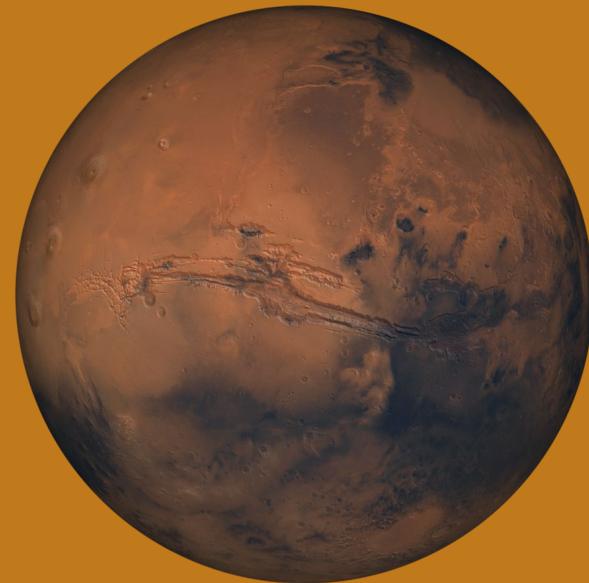
Other Features

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

Fun Slide! Dream Place to Travel



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Q & A
