

Web Based API Simulator/Developer-Portal



Jake Chappell, Andrew Stafford, Austin Belt, Jaren Provost

Backstory

The library for Accutech's flagship product, Cheetah, has been growing exponentially since the product launched. As the product scaled up, it became overwhelmingly apparent that they needed a more detailed source of documentation for not only their employees but also their clients. What Accutech requested of us was a developer portal that "will allow clients and software developers to discover API capabilities and provide developers a space to test out API functionality...Inspired by Spotify, Slack, and Plaid."

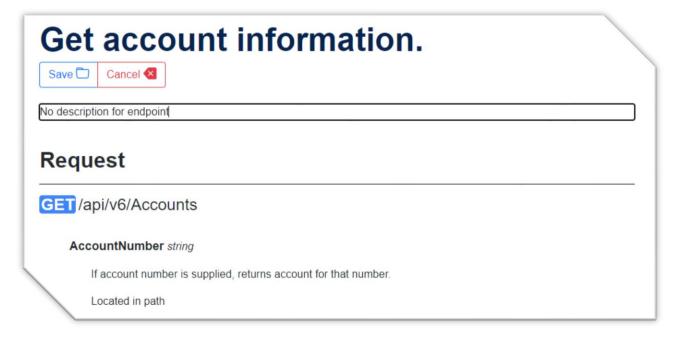
Conclusion

only software development, but also teamwork and client interaction. Through our work over the last 8 months with Accutech we've learned a meaningful portion of what it means to be a part of an actual professional development team. Through many hours of hard work and dedication to this project, we've gained much knowledge and experience that will most certainly help us in our careers as software engineers. We'd very much like to thank Accutech for trusting us with this immense task.

This project taught us several lessons about not

Overview

For this project we have been tasked to construct a user friendly and more comprehensive Cheetah developer portal that will contain detailed documentation of each endpoint in the Cheetah API. The information on this developer portal will allow clients and software developers to discover the capabilities of the API. It will also be a space to allow developers to test the functionality of the API with live parameters and responses.



	Using the Cheetah API Docs test console
Try It Out	Osing the Cheetan AFT Docs test console
https://ballstatetestingwebapi.accutech-systems.net/api/v6/Accounts? AccountNumber=00555	Navigate to the References page On the left-hand side, you will see a sidebar with API Collections and API Endpoints. Collections refer to the group of API endpoints (e.g. Accounts or Approval). Endpoints refer to the each actual API endpoint that a call can be made to.
AccountNumber string	2. Choose the endpoint you wish to test
00555	
InstitutionIdentityRecordId integer	
Enter a parameter value	Cheetah API Documentation 🚥
LastModifiedDate string	Conduct research and test the Cheetah API
Enter a parameter value	You can use the Cheetah API documentation featured on this site to discover all that Cheetah is capable of. Through different function overall usability of Cheetah, the app's API is extremely powerful and can be used to aquire much information and knowledge. The Che
Execute	docs allow users the capability of not only reading through the aspects of each Cheetah API endpoint, but also the ability of testing ear endpoint with live data to see what the endpoint responds with.

Tech Stack

ASP.NET MVC Web API

Vue.js

Microsoft SQL Server

Features

- ✓ API Sandbox Console
- ✓ Dynamic Endpoint Editing
- ✓ Integrated Login/Authentication
- ✓ Dynamic Data Loading
- ✓ Common Code Workflows

Client Information

Accutech Systems Corporation

Clients

- Cam Dowless
- > Trey Gourley

Project Mentor

Ryland Babusiak

BSU CS Mentor

Huseyin Ergin, Ph.D.