

# Q 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.

## Inspirations

The Spotify, Slack, and Plaid Developer Portals

## Conclusion

This project taught us several lessons about not 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.

## 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.

### Get account information.

Save Cancel

No description for endpoint

### Request

**GET** /api/v6/Accounts

**AccountNumber** *string*

If account number is supplied, returns account for that number.

Located in path

### Try It Out

**https://ballstatestingwebapi.accutech-systems.net/api/v6/Accounts?AccountNumber=00555**

**AccountNumber** *string*

00555

**InstitutionIdentityRecordId** *integer*

Enter a parameter value

**LastModifiedDate** *string*

Enter a parameter value

Execute

Using the Cheetah API Docs test console

1. 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.

2. Choose the endpoint you wish to test

### Cheetah API Documentation v5.0.0

Conduct research and test the Cheetah API

You can use the Cheetah API documentation featured on this site to discover all that Cheetah is capable of. Through different functionality and overall usability of Cheetah, the app's API is extremely powerful and can be used to acquire much information and knowledge. The Cheetah API docs allow users the capability of not only reading through the aspects of each Cheetah API endpoint, but also the ability of testing each 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.