

ITERATION 4

Developer Portal Group

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MENTOR FEEDBACK

Mid-Iteration

- Gave us examples for setting up the user sessions
 - Our app saves the JWT token to an app cookie for the sake of console calls
- Gave us pointers for server-to-server HTTP calls for the console
 - Adjusted the methods we use from within the “Flurl” package to make HTTP calls from our API to the Cheetah API

End of Iteration

- Suggested that we should find a package or library to organize the console JSON response
 - Next iteration we will be researching packages to organize JSON from within `<p>` or `` tags

CLIENT FEEDBACK

- Cam suggested that we should have a larger focus on styling in Iteration 5
 - Stated that he needs to pitch our project to a marketing team, and better styling would help him do that
 - Most of the functional requirements are done so its time for us to...
 - “Make it pretty” - Cam

FUNCTIONALITY 1 - CONSOLE

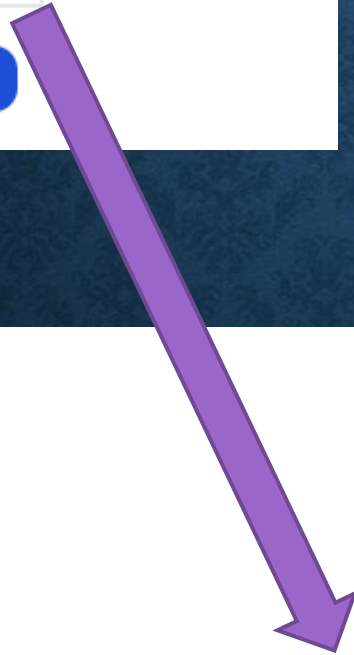
The user can enter a parameter value in the console. The user can then hit “Execute Call” to make an HTTP call to the Cheetah API with that parameter value. The response from the Cheetah API will print below it

Close Console

/api/v6/AccountGroups/{accountGroupId}

accountGroupId **required* - (integer)

Execute Call



/api/v6/AccountGroups/108

accountGroupId **required* - (integer)

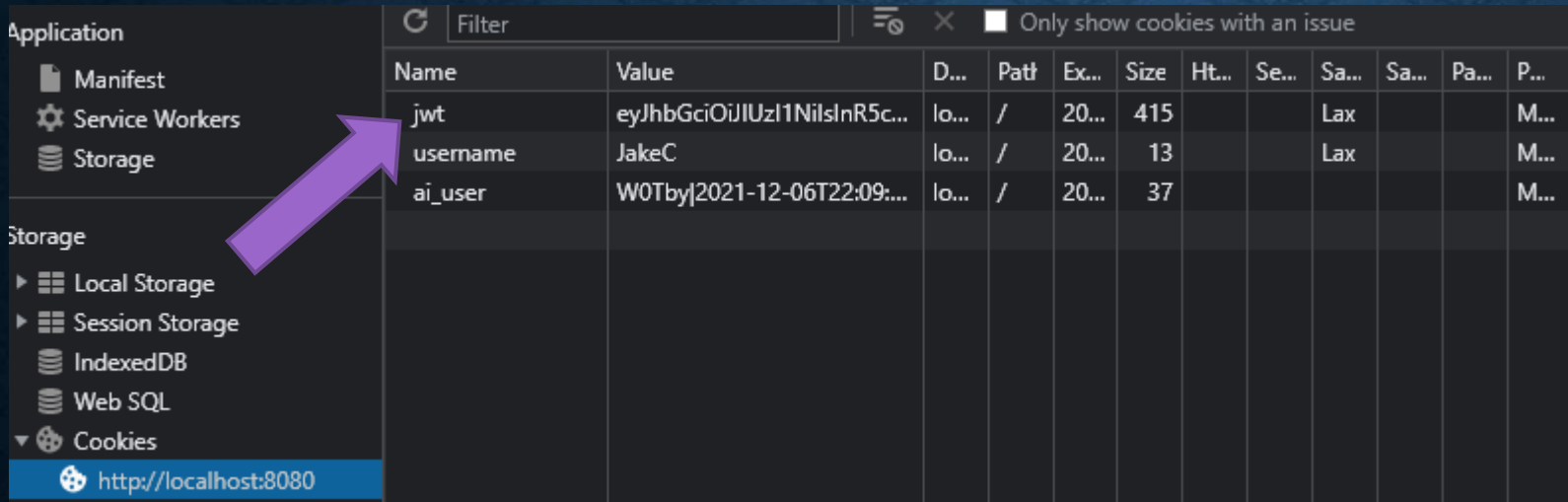
Execute Call

RESPONSE:

[{"AccountGroupId":108,"AccountGroupName":"CH1981J GROUP","AccountGroupLongName":"CHEETAH-1981 QA TESTING GROUP

J","ParentAccountGroupId":0,"InvestmentObjectiveId":0,"IsStatementGroup":false,"IsRelationshipView":false,"IsForInvestmentProcessing":false,"IsActive":true,"MarketValueAmount":0,"AvailableCashAmount":0,"Accounts nGroup":3}]

FUNCTIONALITY 2 – USER SESSIONS

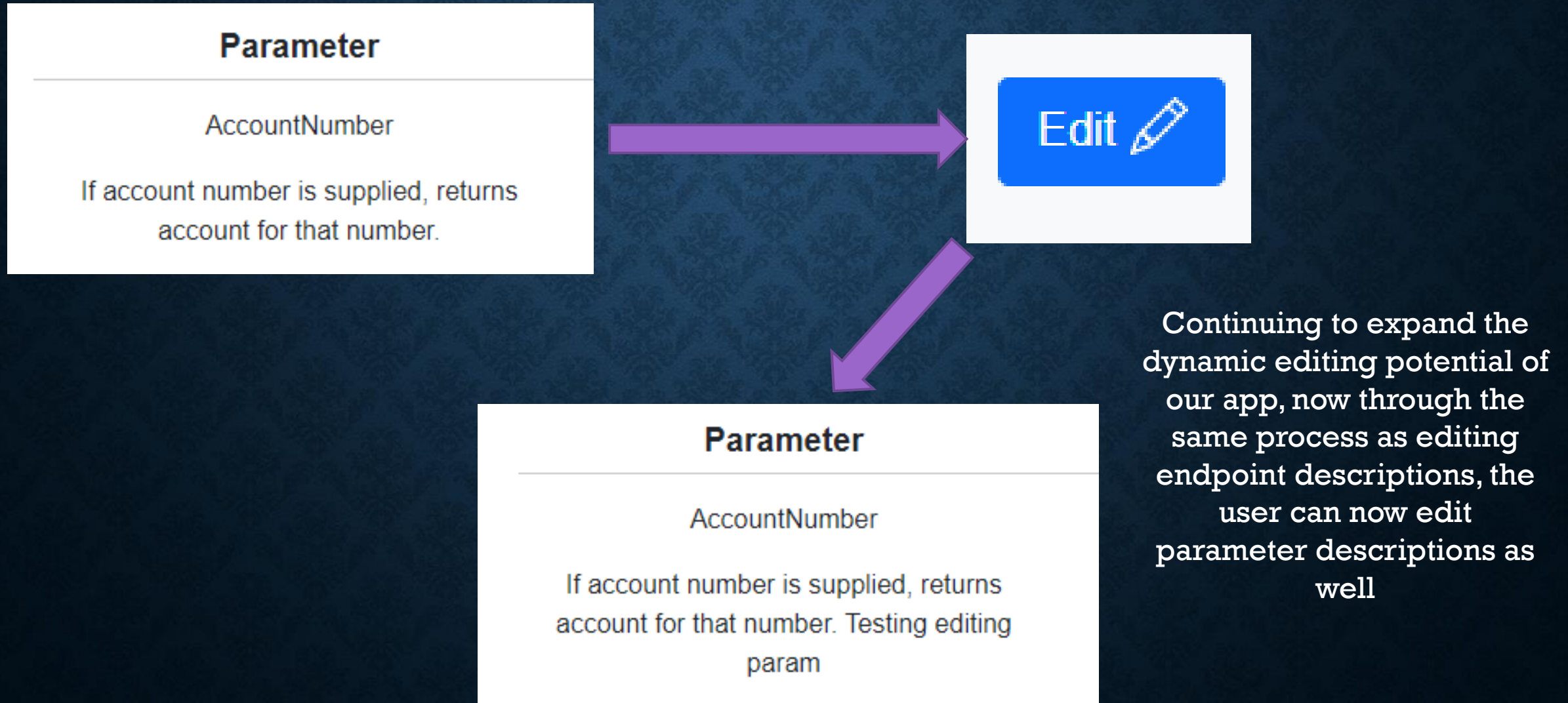


The screenshot shows the Chrome DevTools Application tab. The left sidebar has a 'cookies' section highlighted with a purple arrow. The main panel displays a table of cookies for the URL http://localhost:8080. The table has columns: Name, Value, Domain, Path, Expires, Size, HttpOnly, Secure, SameSite, Partitioned, and Priority. Three cookies are listed: 'jwt' with a long alphanumeric value, 'username' with the value 'JakeC', and 'ai_user' with a timestamp value.

Name	Value	D...	Pat	Ex...	Size	Ht...	Se...	Sa...	Sa...	Pa...	P...
jwt	eyJhbGciOiJIUzI1NiIsInR5c...	lo...	/	20...	415			Lax			M...
username	JakeC	lo...	/	20...	13			Lax			M...
ai_user	W0Tbyl2021-12-06T22:09:...	lo...	/	20...	37						M...

Logging into our app will give a user a JWT token from Accutech and will store that JWT in a site cookie. Each call the user makes will include that JWT for the sake of HTTP authentication.

FUNCTIONALITY 3 – DYNAMIC EDITS



FUNCTIONALITY 4 – URL BUILDER

Close Console


<https://ballstatetestingwebapi.accutech-systems.net/api/v6/Accounts?AccountNumber=00555>

AccountNumber - (string)

InstitutionIdentityRecordId - (integer)

LastModifiedDate - (string)

Execute Call



While the user is filling our parameter values in the console, the URL at the top of the console will automatically update with those parameter values. If the user wishes to copy the URL to put it into an app like Postman or Thunder Client, they can click the URL and it will be copied to their clipboard.

SOMETHING WE'RE PROUD OF (SORTA A FUNCTIONALITY)

A user can now build Docker containers containing our app from one singular docker-compose up!!!

WOOOOOOOOO!!!!

5TH ITERATION FEATURES

Styling

- **FR1:** The application shall have a home page with general information.
- **FR7:** The application shall have a code workflow page to show common workflows for developers.
- **NR4:** The application shall be designed using the Accutech/Cheetah colors, logos, and fit the general theme of Accutech's existing websites.

Functionality

- **FR14:** The application shall track administrative changes and store the username of the administrator and the date/time of the edit.

TEAMWORK

- Jake
 - Wrote full-stack logic for the sandbox console that allows for a user to enter live data, send an HTTP request to the Cheetah API with that data, and display the response
- Andrew
 - Wrote front-end logic for dynamic building URL
 - Worked on our Dockerfiles
 - Worked on implementing continuous integration into our project
- Jaren
 - Wrote full-stack logic for the parameter description edits that can be done right from the References page
- Austin
 - Completed the login and user session functionality for sake of authentication to the app as well as the sandbox console

RANDOM

WE'VE RUN OUT OF ANIMALS, SO NOW YOU GET MEMES

Me: writing code on a Monday.

My code:



1103
1104
1105
1106
1107
1108
1109
1110
1111
1112
1113

```
//      _.-.-.-  
//      3--'~--.-.-.-=  
//      {  /, "" "  '  |  
//      ` \ \  (@ \ (@ \    
//      \ (  _____  (./  
//      |  ^--^--^--^ \    
//      | /  /  /  \    
//      | |  (\  \  \    
//      \_ \ |.-'-'-' | ,--= )  
//      (  , \ _____ \ , /  
//      \  |----- ( , /  
//      ^--^----- /  
//      \ _____ /  
//      SOMEBODY TOUCHA MY SPAGHET!  
static_assert(__LINE__ == 1113, "");
```



Chirasul
@chirasul

since we're having a baby in a couple months, the discord is discussing parenting life hacks



Chirasul · Today at 2:31 PM

give your baby a dollar immediately after birth before they receive their social security number. when they receive their SS, they're value is reset automatically to 0. now take back that dollar. baby now has a negative value; the social security buffer cant handle a negative number so it immediately flips around to the highest 32-bit integer, letting your baby start life with \$2,147,483,647

SOFTWARE DEMO!

Things to say:

Yes indeed, all the team members do in fact have access to the dev environment on their laptop

Things to show:

- Runnable
- Functionality
- Modularity
- Aesthetics
- Testing
- Clean Code