~25s

Hi, My name is Min-Chun Lo and I will be going over my vFlashCards project, a web application that brings convenience to students on the go. **(pause + switch application)**

Since demo 1, the backend and database have been built and completed. **(pause + switch application)**

This will allow the presentation show the sign-up process, creation of new material, and retrieval of libraries. **(pause + switch application)**

Since the frontend is not available, I will be interacting with the backend server through Postman. **(pause + switch application)**

(Before that, a brief look at the backend code and database.)

(The demo will go through the sign-up process, creation of new material, and retrieval of libraries. Because the work has focused solely on the backend. the interactive process will be shown through Postman. Before that, a brief look at the backend code and database. )

(Show IDE + SQL Shell) ~ Total

~13s-15s

Using Postman, I will sign up by sending the first and last names, email, and password to the server using a post request. Since it succeeded, the server returns an authorization token.

**Signup**:

http://localhost:8000/auth/signup

{

"firstName": "John",

"lastName": "Doe",

"email": "jd2@vfc.com",

"password": "password1234"

}

~10s

Now the authorization has been granted, I will go ahead and create a new set of cards. The set title and access type will be sent to the server.

**Create new set:**

<http://localhost:8000/profile/new_set/>

{

"title": "Demo Card Set",

"access": "private"

}

~10s

To populate a set with new material, I will go ahead and create individual cards. Here, a few cards will be created. (3)

**Create new cards**

http://localhost:8000/profile/lib/[setID]

{

"question": "demo question",

"answer": "demo answer"

}

{

"question": "demo question",

"answer": "demo answer"

}

~4s

Now, a look at the cards created just a moment ago:

**Get list of cards**

http://localhost:8000/profile/lib/[setID]

~10s

And to update an existing card (via put request), the user must provide a card id and either question or answer. Here, both question and answer will be updated.

**Update individual card**

http://localhost:8000/profile/[setID]/card/

{

"vfcID": "[card id]",

"question": "updated question",

"answer": "updated answer"

}

A look at the personal library, which shows the set created earlier.

**Get personal library:**

<http://localhost:8000/profile/lib>

~6s

Users can also view the public library, which consists of shared materials from others.

**Get public library:**

<http://localhost:8000/profile/pub_lib>

~30s

So now we will look at the remaining tasks from the project management board. As seen here, the remaining tasks are related to frontend development, final deliverables, and deployment. The stretch goals are listed and may be worked on should sufficient time remain.

Further down the list, the board also shows completed tasks, which consist mostly of backend work.

<https://github.com/users/not-x/projects/1>

(Pause and switch tab!!!)

Finally, a view of the Github repository. This consists of the documents, notes, code produced so far, and time log.

<https://github.com/not-x/vflashcards>

Thank you for listening!