

Lab4

COEN164
spring2023

Create a simple web application to represent bank services using Sinatra framework to represent bank services.

This web application should be able to handle the following services

- root page, with links:
- Open Account
- Deposit
- Withdraw
- click on each link will load different forms:
- For open account, present a form to collect user information of: name, accountID, password

when click submit, it will show the root page with account info (name, accountID)

- For deposit, collect money amount.

when click submit, it will show the root page with current balance

- For withdraw, collect money amount.

when click submit, it will show the root page with current balance

For account information, use Sinatra's configure block and set method to retrieve or set value. like this: to initialize:

```
configure do  
  set :name, "value"
```

```
end
```

to retrieve:

```
settings.name
```

to reset

```
settings.name = "another_value"
```

In the configure block, allow for browser sessions by adding this code:

enable :sessions

Create your views (templates) and add necessary functionalities.

NOTES:

If you have not already you should ***'sudo gem install sinatra'*** and ***'sudo gem install sinatra-contrib'***

To run your app, you will need to have an app.rb file, and have ***require 'sinatra'*** and require ***'sinatra/reloader'*** at the top of the file.

To run the app, you will simply need to type: `ruby app.rb`

To test out your app you will need to open up localhost:4567 in a browser.

*******Demo will be required for this lab.*******