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CSC 305

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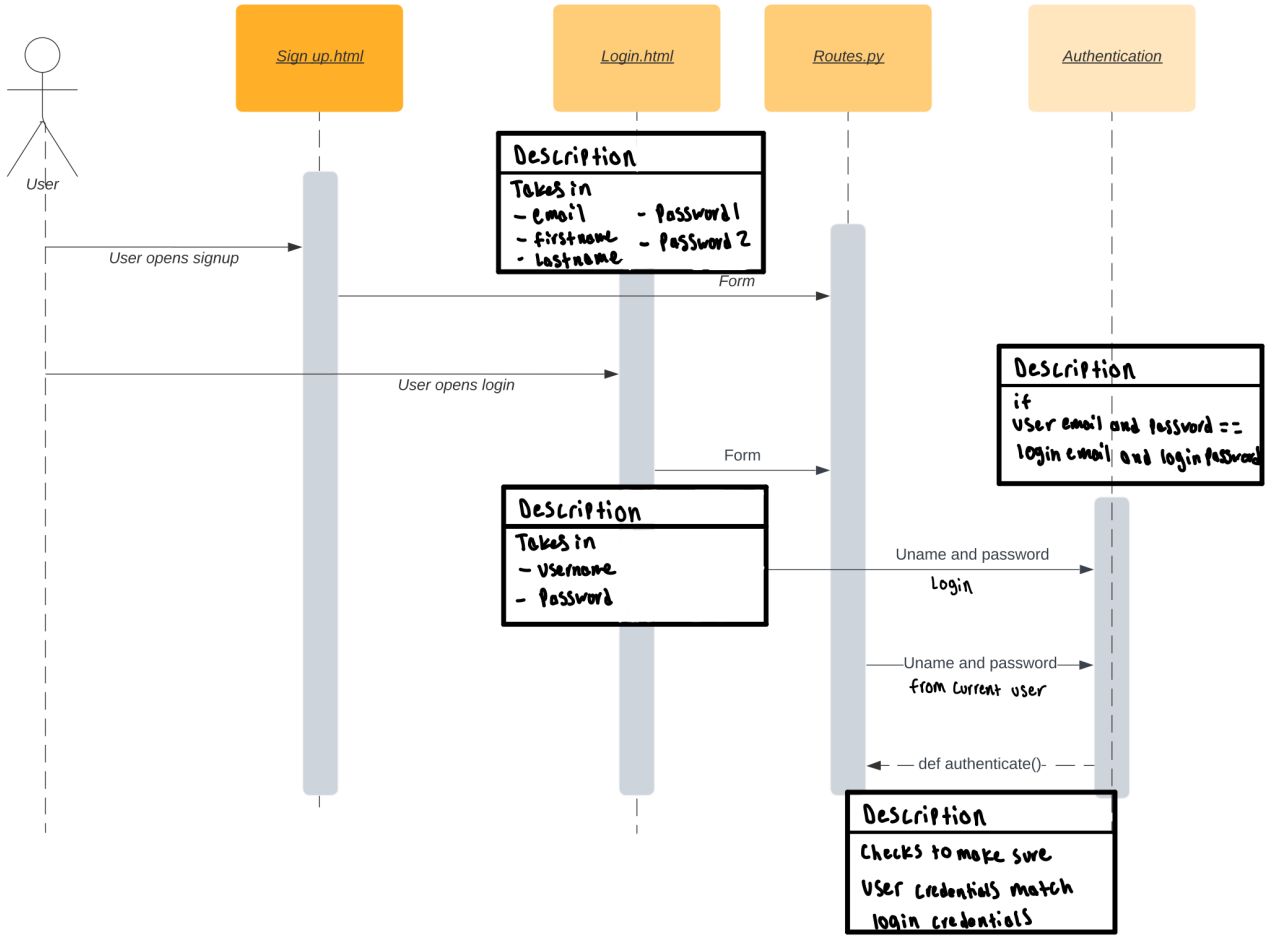
Signup/Login Sequence Diagram



I chose a sequence diagram to represent the Sign up and login process on our web app. The reason I chose this is because the sequence diagram did the best job of showing how the login, signup and authentication work on our website. The sign up and login html pages are both html pages that have forms on them that allow the user to input data into the the routes file. From the routes file the sign up data uses the setter function to take the users credentials from the signup form and put it into the user object. The login information works similarly but instead of setting it to a user object it is stored in the routes file locally. Then the authentication compares the user username and password with the username and password taken in from the login. If the user login is successful the user will get a message that says “successful login” and the user will be directed to the home page but if not then it will say “invalid login credentials” and stay on the login page.

```
if not valid_login:
    flash("Invalid login credentials", category='error')
else:
    flash("Successful login", category="success'")
```