

## Abstract Code – Personal Portfolio

- User enters username ('\$Username') and password ('\$Password') input fields
- If username is not empty and Password is not empty, and Username does not contain invalid characters AND password does not contain any escape string THEN:
  - When Login button is clicked:
    - IF user is found but the User.Password != '\$Password'
      - Send back to Login Page with Error Msg "Incorrect Password entered"
    - ELSE:
      - Store login information as session variable '\$Suid'
      - IF User.role = 'Administrator'
        - Store 'yes' is session variable '\$isAdmin'
      - ELSE
        - Store 'no' in session variable '\$isAdmin'
      - Go to User Admin page/panel
- ELSE username or password field value is entered incorrectly, Send back to Login Page with error message

## User Admin Panel,

- user can CRUD portfolio items and CRUD resume items from this panel.
  - IF user wants to edit portfolio items, THEN:
    - When Portfolio button is clicked:
    - The user can select which action to complete:
      - IF all mandatory entry field are correctly filled in THEN:
        - When CREATE (post request) button is clicked:
          - Store new item as '\$newPortfolioItem'
          - Go to view portfolio page
      - ELSE:
        - Post request cannot be fulfilled
        - Receive error msg
        - Go back to CREATE entry fields
  - ELSE user chooses to void '\$newPortfolioItem', display error message
  - Return to ADMIN to Edit portfolio page
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- IF User wants to perform a read operation THEN:
    - WHEN READ (get request/get method) button is clicked:
    - READ portfolio items
  - ELSE:
    - View cannot get/
    - Go back to READ
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- Return to ADMIN to EDIT portfolio page:
    - If USER performs update operation, THEN:

- When UPDATE BUTTON is clicked:
  - Execute PUT request, send PUT request
  - Update request
  - Send Success MSG
- ELSE:
  - UPDATE action unable to perform
  - Go back to Page with UPDATE Button
- Return to ADMIN to EDIT portfolio page:
  - IF USER wants a DELETE request THEN
    - WHEN DELETE button is clicked:
    - DELETE request is run through Fetch (use delete method)
    - Receive success msg
  - ELSE:
    - Server unable to send DELETE Request through Fetch
    - Receive Error msg
- Return to ADMIN to EDIT portfolio page:

#### CRUD Resume Items –

- IF user wants to edit resume items, THEN:
    - When RESUME button is clicked:
    - The user can select which action to complete:
      - IF all mandatory entry field are correctly filled in THEN:
        - When CREATE (post request) button is clicked:
          - Store new item as '\$newResumeItem'
          - Go to view resume page
      - ELSE:
        - Post request cannot be fulfilled
        - Receive error msg
        - Go back to CREATE entry fields
  - ELSE user chooses to void '\$newPortfolioItem', display error message
  - Return to ADMIN to Edit resume page
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- IF User wants to perform a read operation THEN:
      - WHEN READ (get request/get method) button is clicked:
      - READ resume items
    - ELSE:
      - View cannot get/
      - Go back to READ
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- Return to ADMIN to EDIT resume page:
    - If USER performs update operation, THEN:
      - When UPDATE BUTTON is clicked:

- Execute PUT request, send PUT request
    - Update request
    - Send Success MSG
  - ELSE:
    - UPDATE action unable to perform
    - Go back to Page with UPDATE Button
- Return to ADMIN to EDIT portfolio page:
  - IF USER wants a DELETE request THEN
    - WHEN DELETE button is clicked:
    - DELETE request is run through Fetch (use delete method)
    - Receive success msg
  - ELSE:
    - Server unable to send DELETE Request through Fetch
    - Receive Error msg
- Return to ADMIN to EDIT resume page:

Logout