

Labconnect Data Documentation:

### **Authentication:**

#### **No user logged in:**

Cookies:

User : {}

#### **How to retrieve data during authentication or app start up:**

Check if cookie is available. If so, transfer cookie ⇒ globalContext (React context API) and authenticate with cookie in the background. When authenticated, change everything as necessary.

### **Necessary Functions:**

logOut()

- Removes all cookies
- Removes information for global context

logIn()

- Grabs data from server
- Puts in global context api
- Places in cookie

#### **User Logged In:**

Complete Cookies:

User: {

id: u1,

role:admin,

email: [johnj@rpi.edu](mailto:johnj@rpi.edu),

name: Jon John,

department: "Computer science",

researchCenter: "CBIS",

}

### **How Cookies And Authentication Are Used:**

#### **User Navigation:**

Logged in users see:

- All tabs
- Log out tab

Not Logged In User:

- Doesn't see profile
- Doesn't see create

## Creating An Opportunity

```
{id: '', title: 'Software Engineer', department: 'Computer Science', location: 'Sage Hall', date: '2024-02-23', ...} ⓘ
  authorId: "d1"
  credits: "2"
  date: "2024-02-23"
  department: "Computer Science"
  description: "This is a description"
  id: ""
  location: "Sage Hall"
  salary: "15"
  title: "Software Engineer"
  upfrontPay: "200"
  ▶ years: (3) ['Freshman', 'Junior', 'Senior']
  ▶ [[Prototype]]: Object
```

Above are the fields that the frontend sends to the backend.

Suggested routes:

- **/createOpportunity**
  - Method: POST
  - Data is sent as JSON
  - postID is not given and the backend has to create its own postID.

## Editing An Opportunity:

Suggested Routes:

- **/getOpportunity**
  - Method: GET
  - Input: postID
  - Returns the **exact information as the picture from before, but does not return authorId. Returns author name as well as image link.**
- **/editOpportunity**
  - Method: PATCH
  - Input: Same as the picture from before
  - Updates information in database if the id exists. Does nothing if id does not exist

### **Jobs Page:**

Suggested Routes:

- **/getOpportunityCards**
  - Method: GET
  - Input: TBD
  - Returns {title: "Software Engineer", author: "Wess Turner", semester: "Spring 2024", location: "CII" }
- **/getOpportunity - Look above**

### **Profile Page:**

Suggested Routes:

- **/deactivateOpportunity**
  - Method: PATCH
  - Input: JSON: {authorID: "d1", postID: "p1", authToken:"sfeuie3"}
  - Tells if the opportunity was successful
- **/deleteOpportunity**
  - Method: DELETE
  - Input: JSON: {authorID: "d1", postID: "p1"}
  - Tells if the operation was successful
- **/profile**
  - Method: GET
  - Input: authorID

### **Professor Meta:**