**Batch 02 FED-React - React-Assignment-03**

**Pre-requisite:** **You should have completed React-Assignment-02 before you can work on this coding assignment.**

This assignment involves the development of an application **using multiple components** and **getting the data from a backend server**.

**Refer the following 2 screenshot files:**

1. **03-ReactAssignment-Screenshot-AboutPage.jpg**
2. **03-ReactAssignment-Screenshot-ProductstPage-WithJSONServerOutput.jpg**

Your application should have similar output as mentioned in the above screenshots for the functionality mentioned as follows:

1) About page.

2) Products page displaying product list obtained from JSON Server.

In **React-Assignment-02**, the products data was maintained as a JSON memory object. For **React-Assignment-03**, the data should come from a backend server (Refer Demo Code 09a). Use json-server to serve the products data from a file "db.json". The db.json file should have an array of products with each product object having the fields - ID, ProductName, Quantity, Price.

Additionally, you should **also use the react-router concept** to have 2 navigation links at the top (About, Products). Clicking on "About" link should display "About Products" page and clicking on "Products" link should display "Products" page.  The URL displayed for "About Products" page should be "<http://localhost:3000/>" and the URL for "Products" page should be "<http://localhost:3000/products>".

After the implementation and testing of your application is complete, do the following:

1) Take the **2 output screenshots** of your application as mentioned above.

1. You need to check in your source code and the **2** output screenshots in Wipro Gitlab **fed-react-project** repository under **“Assignments/React\_Assignments/Assignment\_3”**.
2. You should check in the Assignment source code into Wipro Gitlab **[DO NOT include “node\_modules” and its sub folders]**.
3. **Zip of the source code should NOT be checked into Gitlab.**

**Important Note:** **Only and only those who are working in client location on a client laptop** and never have access to Wipro network can follow the below mentioned steps.

1. Create a **zip of the React source folder** where you would have implemented all the above mentioned features. **[DO NOT include “node\_modules” and its sub folders in the zip.]**
2. Send the **2** **output screenshots** and the React source folder zip to below email IDs.
3. [**sathya.vasudevan1@wipro.com**](mailto:sathya.vasudevan1@wipro.com)
4. [raghavendran.sethumadhavan1@wipro.com](mailto:raghavendran.sethumadhavan1@wipro.com)
5. [akash.banerjee@wipro.com](mailto:akash.banerjee@wipro.com)
6. [srinivasan.mahadevan@wipro.com](mailto:srinivasan.mahadevan@wipro.com)
7. [venkatachalam.subra@wipro.com](mailto:venkatachalam.subra@wipro.com)
8. [ananth.kashyap@wipro.com](mailto:ananth.kashyap@wipro.com)

**Note 1: Very Important: In the subject line, Copy paste the name of this assignment i.e. Batch 02 FED-React - React-Assignment-03. The mails are filtered using this text in the subject line. If you do not use this subject line, it will not get filtered and your submission will be missed.**