



You will work as a full stack developer to help an ocean carrier to build shipment portal to enable the shipper to search the shipment, update shipment & upload shipment documents. You will work under a super **agile** environment within 5 business days as a sprint to deliver the following features:

- Front End Using React.JS
  - Login Page (10%)
    - Hardcode User-name and password to log in
  - Search criteria basic requirement (Fetch the search criteria to backend) (30%)
    - Bill of lading # search (string, allow multiple value delimited by “,”
    - Status search (drop-down list - onboard, arrived Dport, Delivered)
    - Universal search for bill of lading and status (one single free text fields to search both multiple value criteria with delimiter “,” (Bonus)
    - Reference: <https://material-ui.com/components/text-fields/>
  - Search criteria validation (10%)
    - Must have at least one search criteria filled in
  - Search result (30%) (get the search result from backend – Hard code response)
    - Table format to view the search result with column (bill of lading; status)
    - Table format allowing the user to update shipments & upload doc
    - Reference: <https://material-ui.com/components/tables/>
  - Update shipment (pop up) (20%) (Fetch the search criteria to backend)
    - Upon the selection of the shipment, users can update the shipment details including the status, which is a drop-down list
  - Dashboard showing the number of onboard shipments at the time (get the search result from backend – bonus part)
  - Document upload (pop up - bonus part) (direct API to Google)
    - Upon the selection of the shipment, users can upload multiple files using drag and drop
    - Upload function will call google api to store file in the gdrive folder

**UI Requirement:**

1. Responsive UI with best & simple user experience
  2. Can leverage different library/ framework, basic requirement – chrome browser
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## Are You Ready to Create Disruptive Impact?

### Full Stack Developer Evaluation

1. @Login page, type user name and pw

Email Address

Password

Login

BL Number

Status

Number of Onboard Shipment

20

Shipment

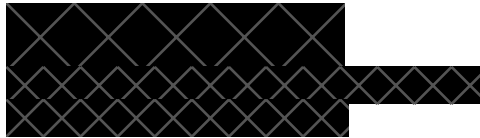
Search

Actions	BL Number	Status
	BL1234567	Onboard
	BL1239999	Onboard

5 rows |< < 1-2 of 2 > >|

2. **(Bonus)** @home page, can spot number of onboard shipments in the dashboard
3. @home page, user can search shipment with status – onboard shipment
4. @home page, user can see the shipment result in a table format and update the shipment directly.
5. @home page, after the selection of the Shipment update will enable user direct update. Clicking “Confirm” to make changes. Cancel to escape from update mode.
6. **(Bonus)** @home page, Once the status is changed to arrived depot; user will select the shipment, the Upload Document button will be enabled which will pop up a layer upon clicking. There is a drag and drop area for document upload. Clicking “Confirm” to upload. Cancel to close pop up





### Backend requirement

Confirming the changes of shipment status will post a transaction “status” update in the database

preferably with

- Node js
- AWS RDS mySQL/ SQL server/NoSQLDB like MongoDB or Firebase
- local host would be fine.

