



# Distributed Operation Systems

## PROJECT PART-1

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The services in our project:

## 1. Frontend service.

We have here three operations:

- 1) **Search:** this operation sent request to the catalog service the then catalog return the response.

Get: (<http://localhost:3000/search/undergraduateschool>).

- 2) **Info:** this operation sent request to the catalog service the then catalog return the response.

Get: (<http://localhost:3000/info/3>).

- 3) **Purchase:** this operation sent request to the order service then to catalog service then return the response.

Post: (<http://localhost:3000/purchase/2>).

## 2. Order service.

Receives requests from the front-end and transfers them to catalog server When it is sent to the catalog, the quantity of stock checked and modified.

```
http.get('http://catalog:5000/info/3').
```

```
axios.put('http://catalog:5000/update/3').
```

## 3. Catalog service.

It receives requests from the order server, adjusts the quantity, sends the response to the order, and also sends the response to search and info requests.

"For instructions on running the project, please refer to README file."