

# CMPE- 280: Hackathon : Food Security Dashboard

By Team 1

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Deployed App: <http://cmpe280hackathonteam1.s3-website-us-west-2.amazonaws.com/#/>

Github : <https://github.com/ln0071/280-hackathon>

# Screens

## 1. MacroEconomic:

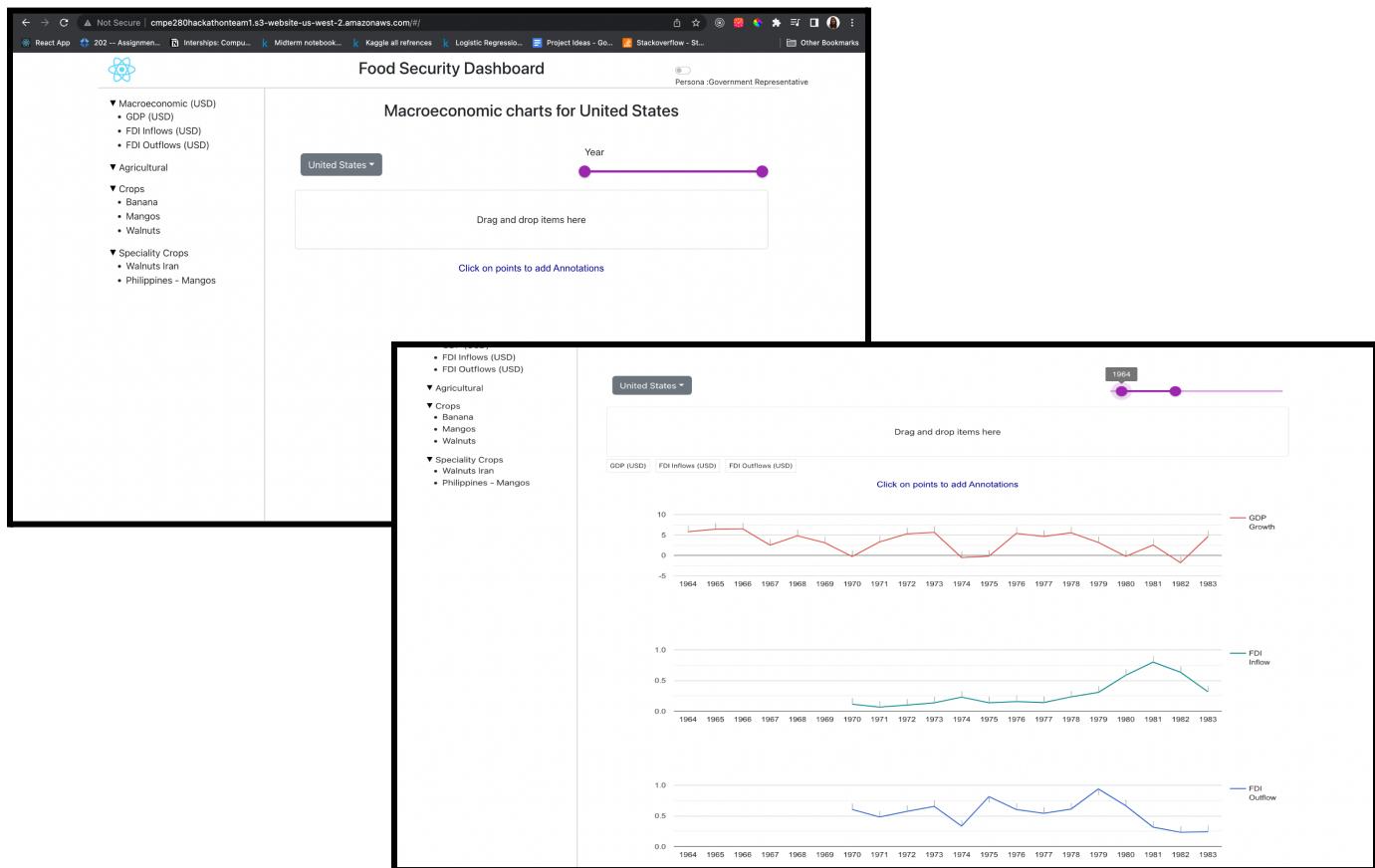
### Features Implemented:

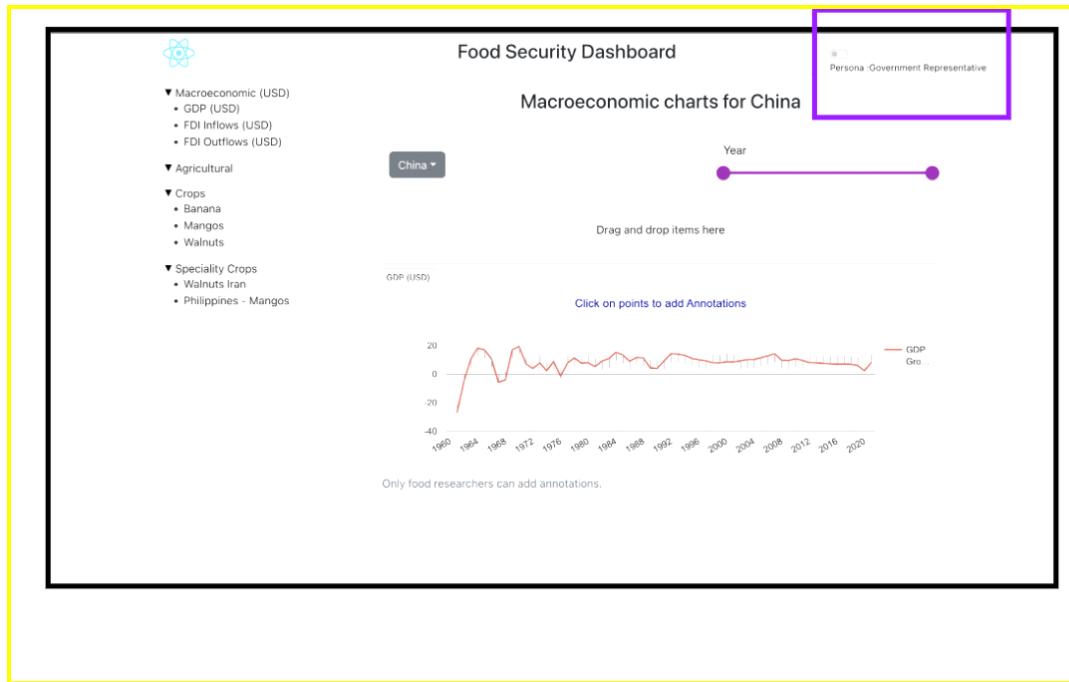
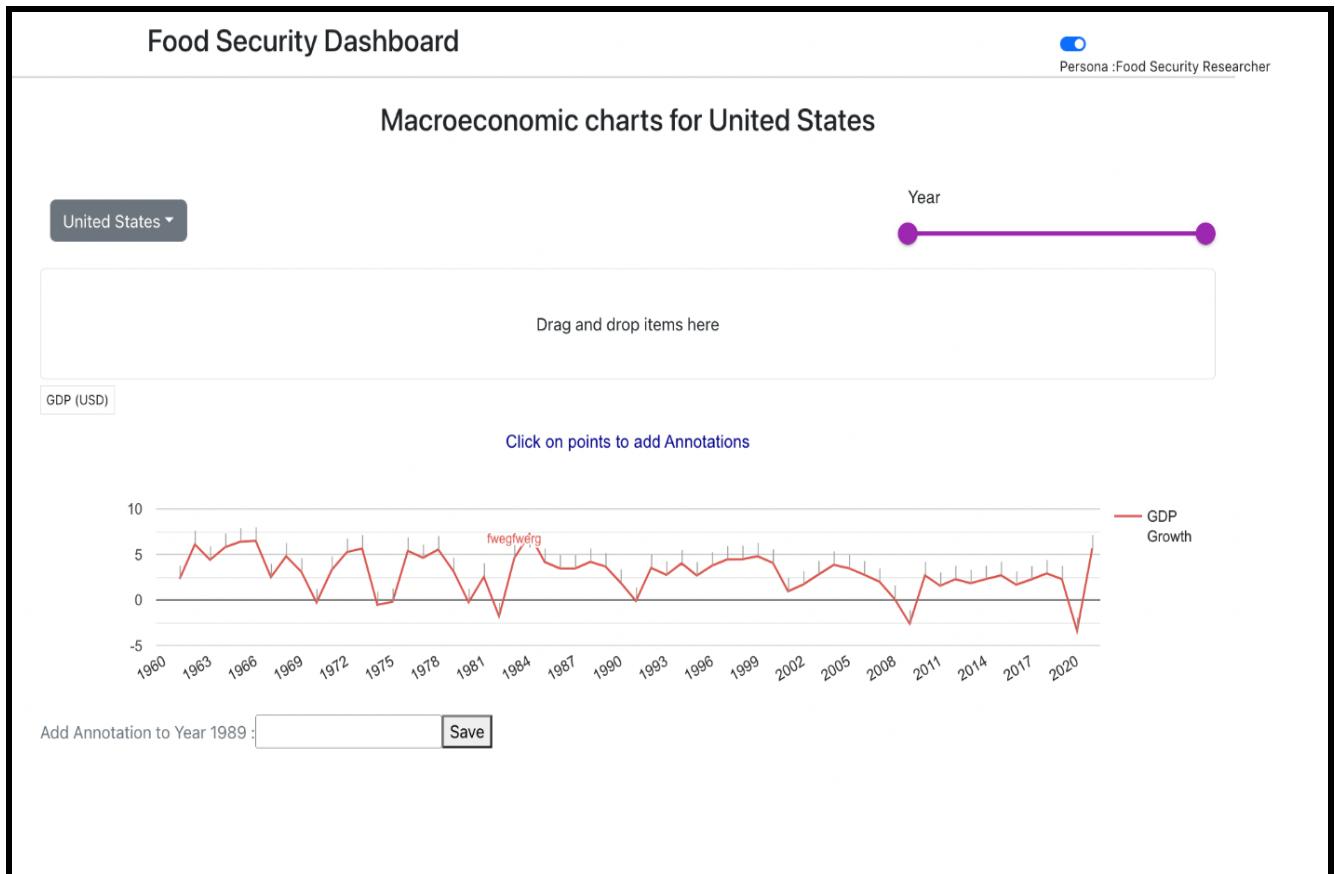
1. Country Dropdown (United States, China, India, Ecuador)
2. Year Range Slider (1960-2021)
3. Drag & Drop (Sub-Menu of Macroeconomics)
4. Annotations (For Specific year and country)

### Charts: Timeseries Chart

1. GDP Growth %
2. FDI Net Inflows (% of GDP)
3. FDI Net Outflows (% of GDP)

### ScreenShots:





## 2. Agricultural: Import & Export

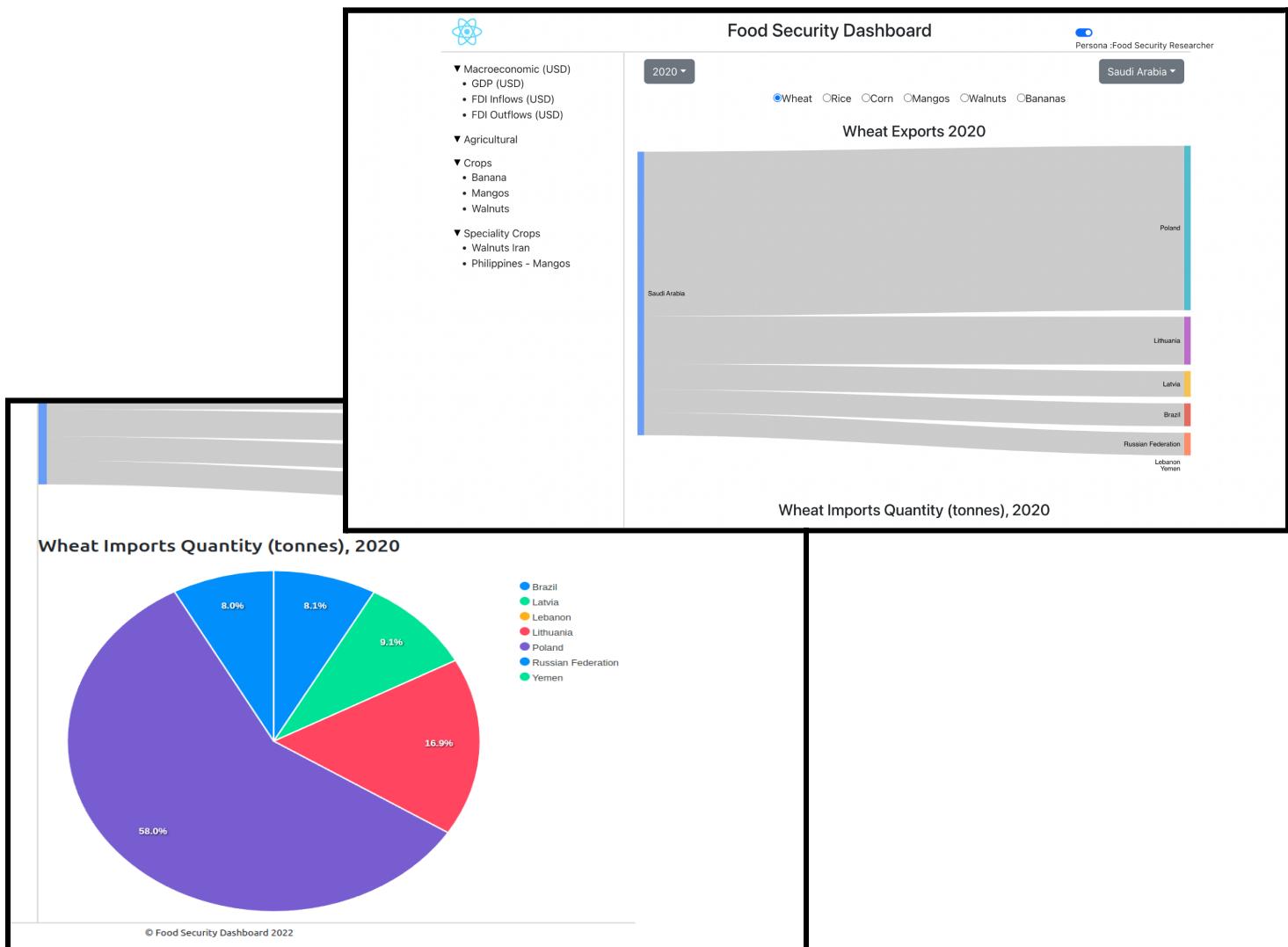
### Features Implemented:

1. Country Dropdown
2. Year Dropdown
3. Crops Radio Selector

### Charts: Sankey & Pie Chart

1. Export Flow of a crop from a country
2. Import proportion of a crop

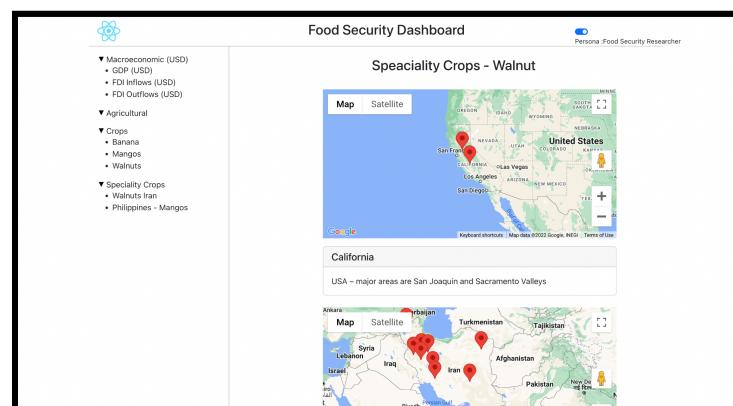
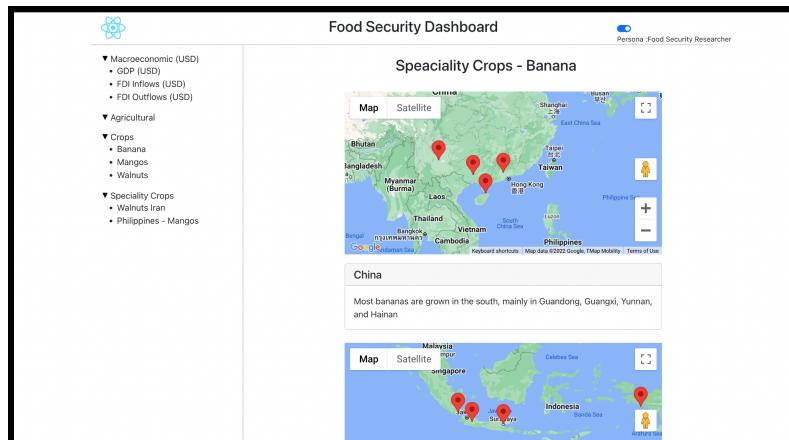
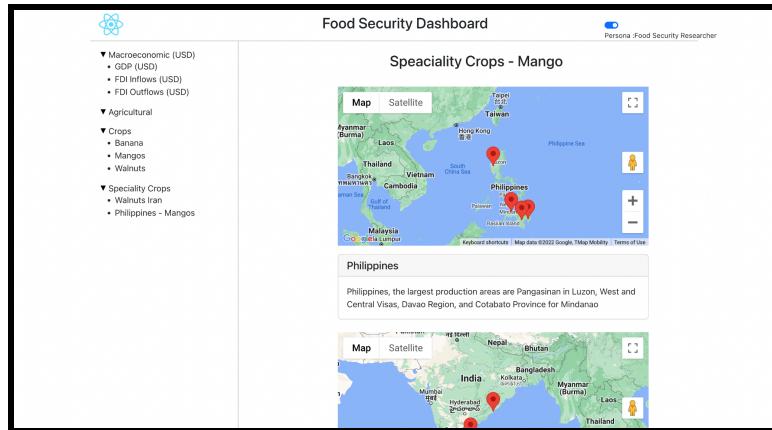
### ScreenShots:



### 3. Crops :

#### Features Implemented:

1. Google Maps for highlighting crop yield for different crops.
2. Markers for coordinates



## 4. Speciality Crops: Harvested & Yield

### Features Implemented:

1. Interactive Charts
2. Year selection through zoom

### Charts: Line Chart

1. Production and Area Harvested Chart for Iran - Walnuts
2. Production and Area Harvested Chart for Philippines - Mango

### Screenshots:

