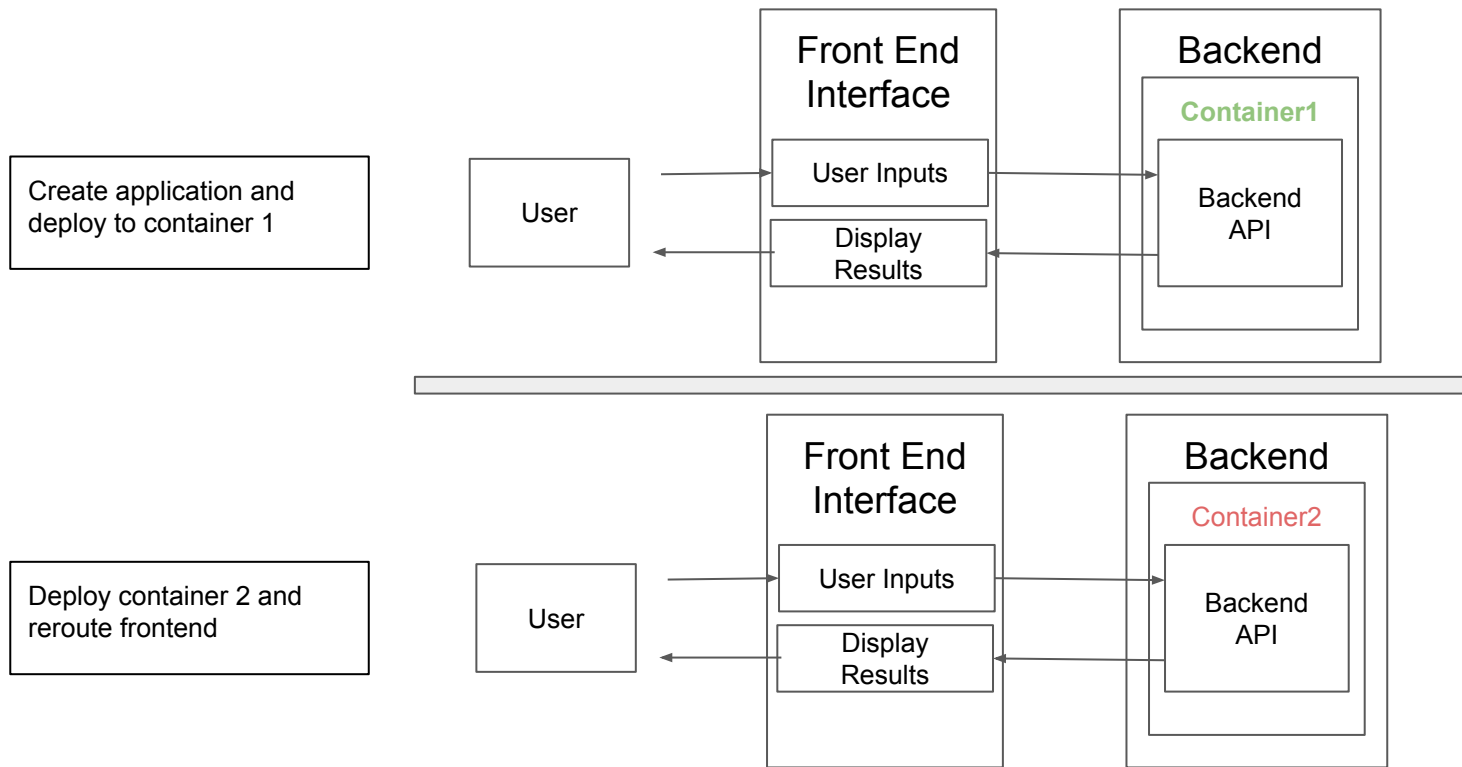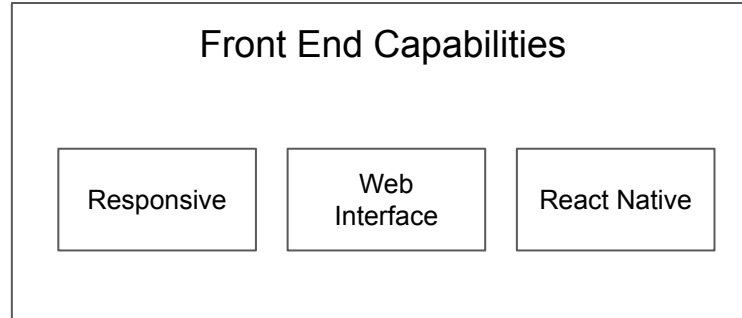# Distributive Services

Hong Luu

Purpose

Technology is speeding up distributive services. To keep up, software engineers need to expand their breadth of knowledge in the cloud technology, specifically containers and distributive services.
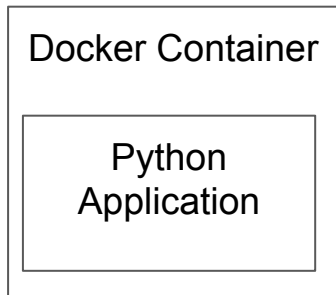
Plan: Overview

Create application and deploy to container 1	User	**Front End Interface** User Inputs Display Results	**Backend** **Container1** Backend API
Deploy container 2 and reroute frontend	User	**Front End Interface** User Inputs Display Results	**Backend** Container2 Backend API

Plan: Frontend

Front End Capabilities

| Responsive | Web Interface | React Native |

Plan: Backend

Python
Application

Step 1

Docker Container

Python
Application

Step 2

Kubernetes

Docker
Container

Python
Application
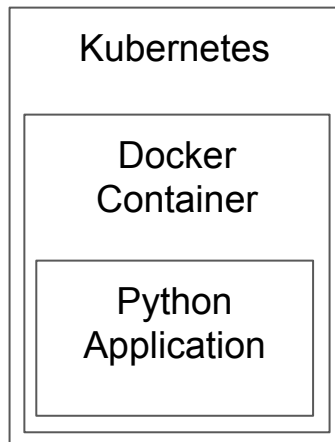
Step 3

Steps:
1. Create simple python application
2. Containerize python application
3. Deploy Docker container with python application via Kubernetes
4. (not shown): Integrate continuous integration best practices

Lessons Learned

- To be entered….