



DEVOPS EASY LEARNING

Class review
S5GROUP5
BrainCells
(DOCKER/AWS/yaml
/microservice)

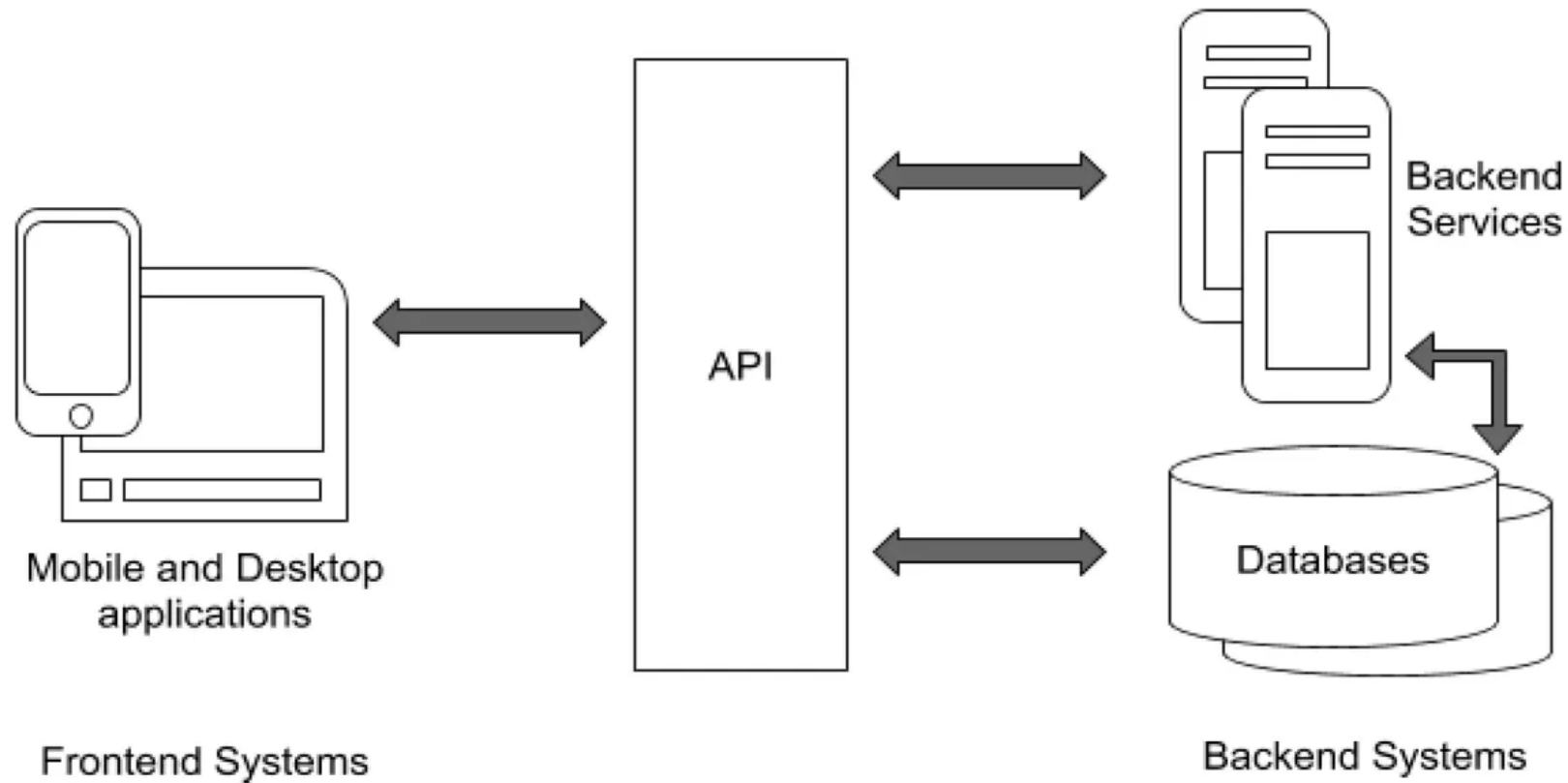
QUESTIONS

- Give me a brief definition of what an application is?
- Can you please explain the type of application you know with an example ?
- What is a microservice?
- Explain the following:
 - Front-end
 - Back-end
 - API
 - EndPoint
 - Single point of failure



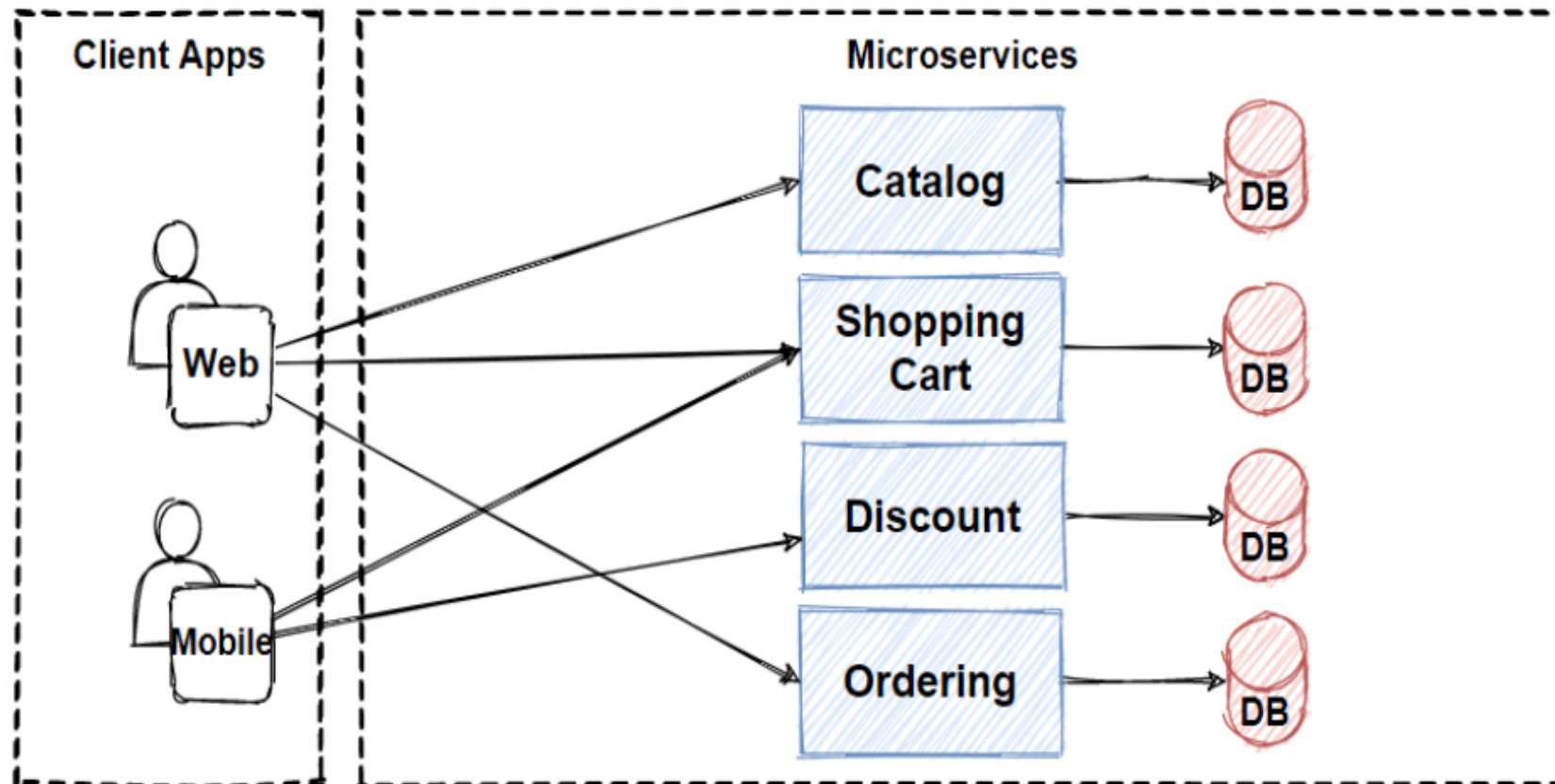
QUESTIONS

- Use your knowledge on front-end, API and back-end to
 - explain the following flow diagram?
 - you have the front-end , Api and back-end which of the 3 container would you launch first and why?



QUESTIONS

- Look at the following architecture and explain how the problem of **single point of failure** is being resolved?



YAML

1. Can you please Transform this text in YAML FORMAT:

- your name is [write your own name], at home you discovered that there is no more fruit and vegetable so you decided to go to the market and buy you some fruit and vegetable [write down 3 fruit and vegetable of your choice]
- Arriving at home you decided to read 2 books : the name of the first book is **Naruto**, the author is **Masashi Kishimoto** and the book was published in the year **1999**. The second book name is **One piece**, the author is **Eiichiro Oda**, and the book was published in the year **1997**.
- After reading those amazing book you decided now to jump into movies;
 - The first moving you look, is name **Avengers End game**, the company that produced the film is called **Marvel studios**, and the film was released in **2019**. The film is **3h21min**.
 - The second moving you look, is name **Fifty shades of grey**, the company that produced the film is called **Focus feature, universal production and Trigger street production**. The film was released in **2015**. The film is **2h5min**.



HANDS ON AWS/DOCKER

You have been working for 3 years as a devOps engineer at EK_TECK SOFTWARE SOLUTION, you successfully deployed an application that was written in javascript the developer did some modification on the application and were asked to deploy the new version of the app using the dockerfile provided by the developer so as to suit the changes.

- You can have the developer dockerfile here;
 - <https://group5-braincells.s3.amazonaws.com/Dockerfile>
 - The application is listening on port 3000
- Deployed the new version of the application using the provided dockerfile.
- Push the image to dockerhub



FEEL FREE TO DELETE WHEN YOU'RE DONE

