

Project #1 – Multi-Container App

Assignment #3 – Docker Compose

12th October 2023

Advanced Infrastructures for Data Science

Pedro Neves, pedroneves@dei.uc.pt, 2023/2024

Master in Data Science and Engineering (MDSE) Course

Project #1 – Multi-container App

Project Name: Tracking Goals Web Application

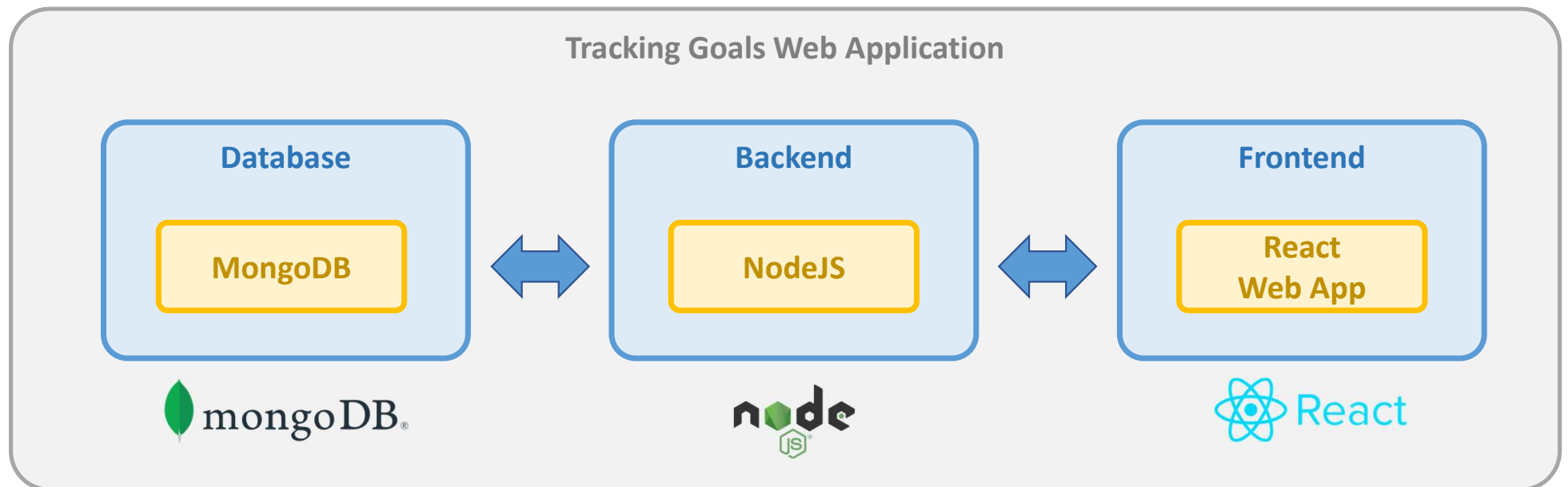
Project Objective: Deploy a multi-container app with Docker
and Kubernetes

Web Application Description

Tracking Goal Web Application

App Objective, Architecture & Technologies

App Objective: Allows users to manage (create, view and delete) their goals



Assignment #3

Project #1 Assignments

- Project #1
 - Assignment #1 (28th September): Build images and launch containers
 - Assignment #2 (5th October): Configure containers connectivity and data persistence
 - Assignment #3 (12th October): Deploy the multi-container app through Docker Compose

Assignment #3

Tasks

1. Publish the created containers (backend, frontend and database) in DockerHub
2. Deploy the multi-container application using Docker Compose



**Good
Work**