

Project: Clinic Reservation System (Phase 2: 60 points + 20 points bonus)

Expectation:

You are required to extend the Phase-1 delivery to use podman container to deploy the application as 3 interactive containers.

- Frontend Container
 - Backend Api Container
 - DB Container.
- 1- Create 3 docker file to create custom image for each layer.
 - 2- Integrate the 3 layers containers to have the same behavior as phase 1 without running the code from IDs.
 - 3- Updating GitHub repos (each team member should be responsible for a layer image)

Bonus (20 points):

- 1- Creating docker image to use kafka or rabbit mq and integrate them with the app different layer containers.
- 2- Create bash script to include all the required commands to be run at once by running the bash script rather than trying them one by one during the discussion.

Ground rules:

- Projects will be submitted via google classroom.
- Deadline: 28 November 2023 11:59 pm
- Late Submission till 30 November 2023 11:59 pm with penalty -20 points AND bonus part will not be considered.
- Violating the technology stack for team: -5 points
- You need to submit one zip folder its name following schema:
 {GroupNum_ID1_ID2_ID2_TA name.zip}
- Violating naming convention: -5 points
- Cheating cases: -5 Marks (not points) from the actual year work grades. •

Project grading criteria : [Link](#)