Assignment #2: System Modelling

In the previous homework, you have created the user requirement document including use case diagrams. The system is also given below

System:

MinFit is a plates saloon chain, and it has several branches distributed to many cities in Türkiye. The head of the MinFit wants to get a mobile and web application system to manage the users to buy packages (including credits and bonus usage), register to any session, attend to session, and update their planned registration if there is available session within in same week. If the user registered to any sessions (2/3 sessions they can attend), they cannot move it to following weeks unless confirmed by the branch managers.

The branch manager can add/update trainers and assign trainers to the sessions. The trainers can also use the mobile app to take the attendance by using a session created QR code.

In this homework, you are expected to make system modeling by providing the following UML diagrams.

        a. Process Model (Fig. 5.2.)
        b. Use case diagrams (You may update your use- cases that you have submitted at HW1)
        c. Sequence diagrams for two major activities defined in b.
        d. Class Diagrams (Ch. 5.3.1, Fig. 7.6)

Deliverables: A single pdf file should be submitted.

Submission deadline: 2th of Jan: 23:59