# CET4104 – MOBILE PROGRAMMING

Week 8 – 26.04.2023

Dr. Mustafa COŞKUN

mustafa.coskun@ou.bau.edu.tr

1-) API — data science

2-) ↓
   Examples about API

3-) New project

4-) SQflite
      ↓
    flutter

5-) DbHelper.dart → connection

20 May Our Next course

we will go through with

SQL and database
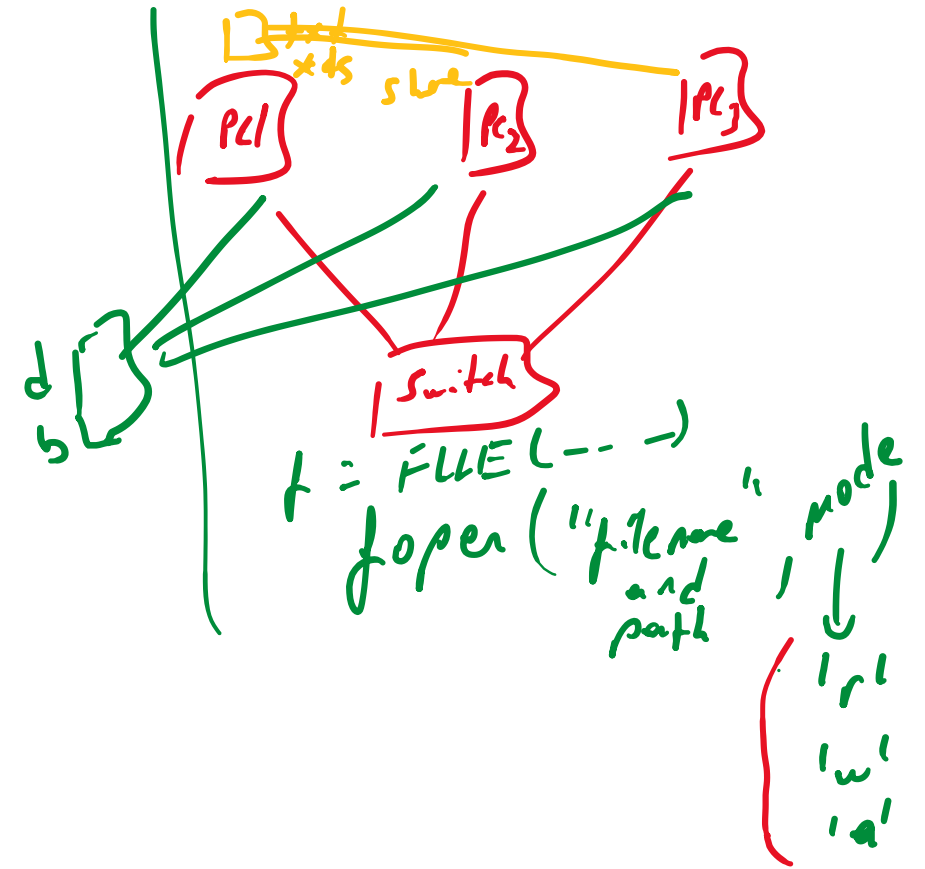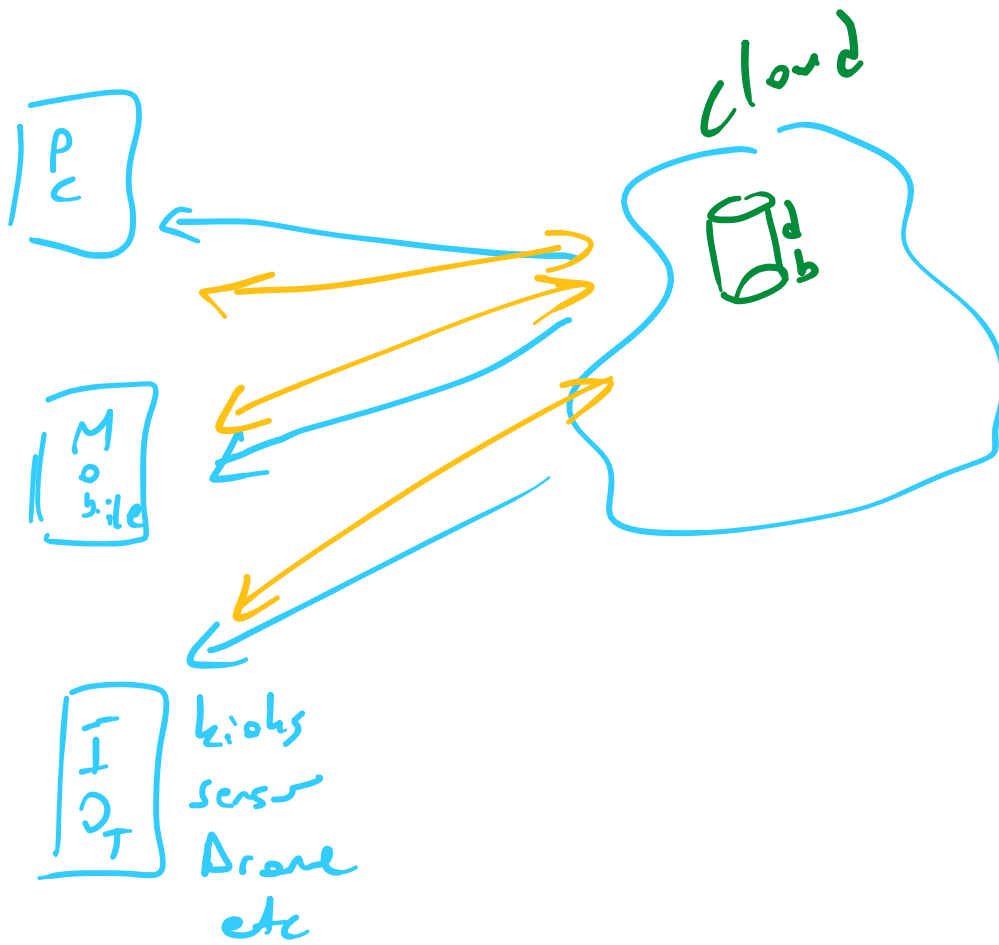
paper and application.

# Decisions on Course

1-) We dont have course hour 3rd of May

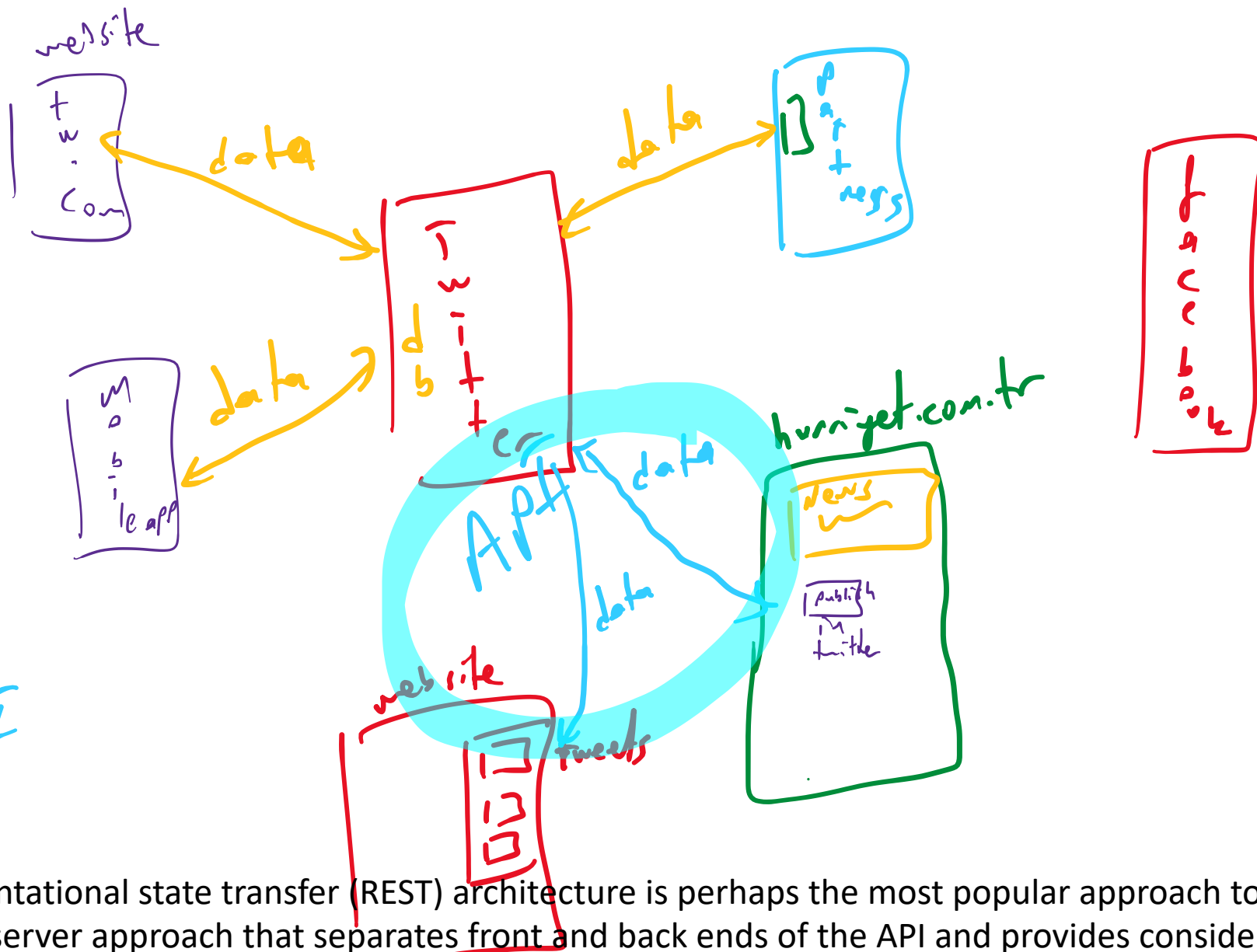2-) We will have a make-up on 12th of May at 18:00

3-) Our final will be as online exam

4-) Our project will be as a flexible subject project (mobile app) (midterm) in which you added all your learnings

local
txt
dat

PC

Cloud

db

Mobile

IoT
kiosks
sensor
Drone
etc

PC1    xls    slne    PC2    PC3

db

Switch

f = FILE(——)
fopen("filename", mode)
and
path

'r'
'w'
'a'

Rest API

REST. The representational state transfer (REST) architecture is perhaps the most popular approach to building APIs. REST relies on a client/server approach that separates front and back ends of the API and provides considerable flexibility in development and implementation. REST is stateless, which means the API stores no data or status between requests. REST supports caching, which stores responses for slow or non-time-sensitive APIs. REST APIs, usually termed RESTful APIs, also can communicate directly or operate through intermediate systems such as API gateways and load balancers.

sqlite
flutter

Sqlite
local databases

local
data
store

txt
dat
file
operations

Mobile

remote
db access

API
for
partner services

db

twitter

sqflite_sqync

db Helper

db

async