

System Design

Case 1

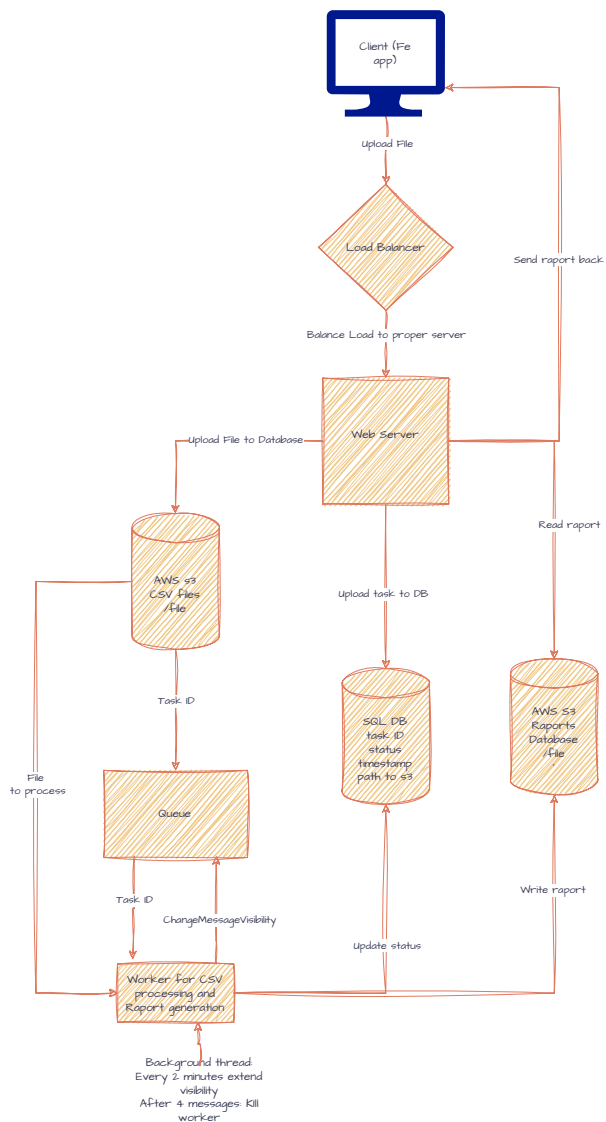
1. Client uploads File
2. load balancer distributes load to proper server
3. server uploads csv to s3
4. Server updates the db with task
5. task ID goes to queue
6. task id goes from queue to the worker
7. worker asks s3 with csv for file to process
8. worker process file
9. Write generated raport to s3 and if all correct update sql db with proper status

Case 2

1. every 5 s user sends http request to web server
2. web server check the sql db
3. if status is finished the read raport from aws s3 with raports
4. send user the generated raport

Open cases

1. What if worker fails before the update status in >SQL DB?
2. Kto wygrywa timeout



Task LifeCycle

