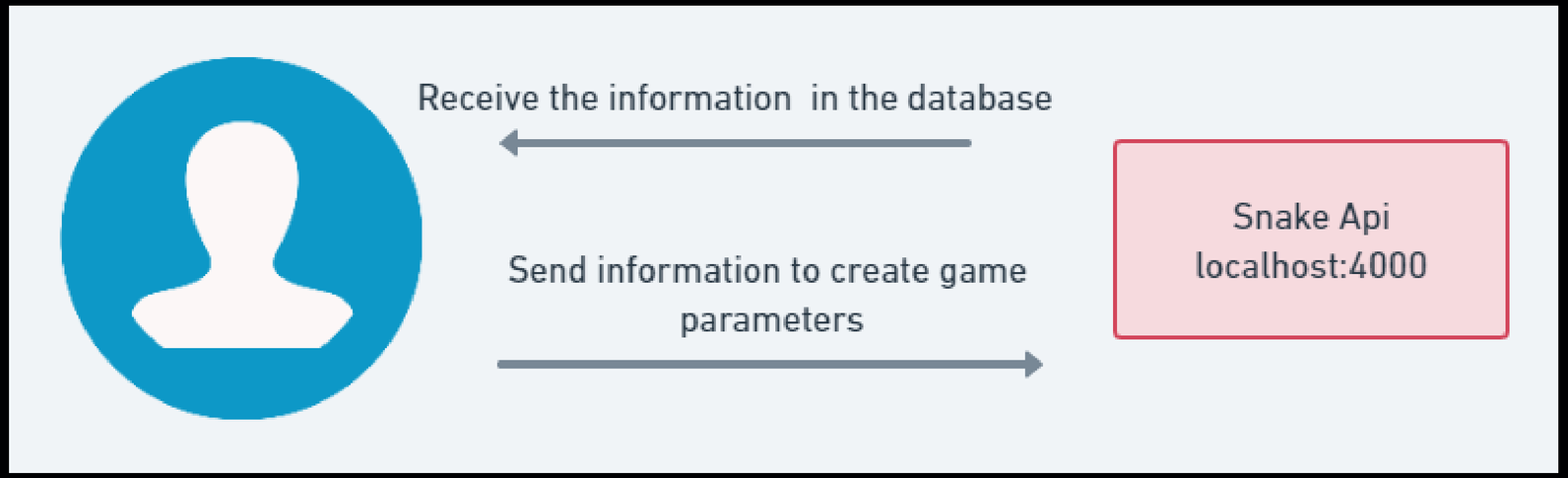
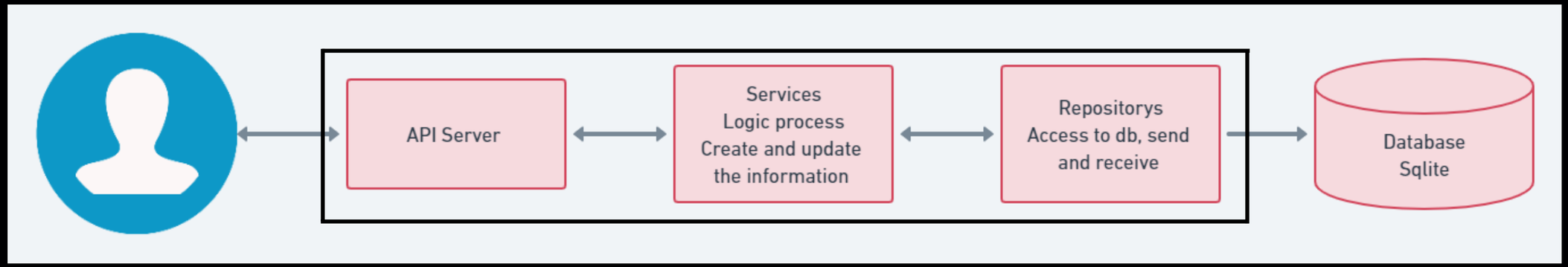
ERICK MONTES BEDOLLA

BACKEND SNAKEAPI C4 MODEL

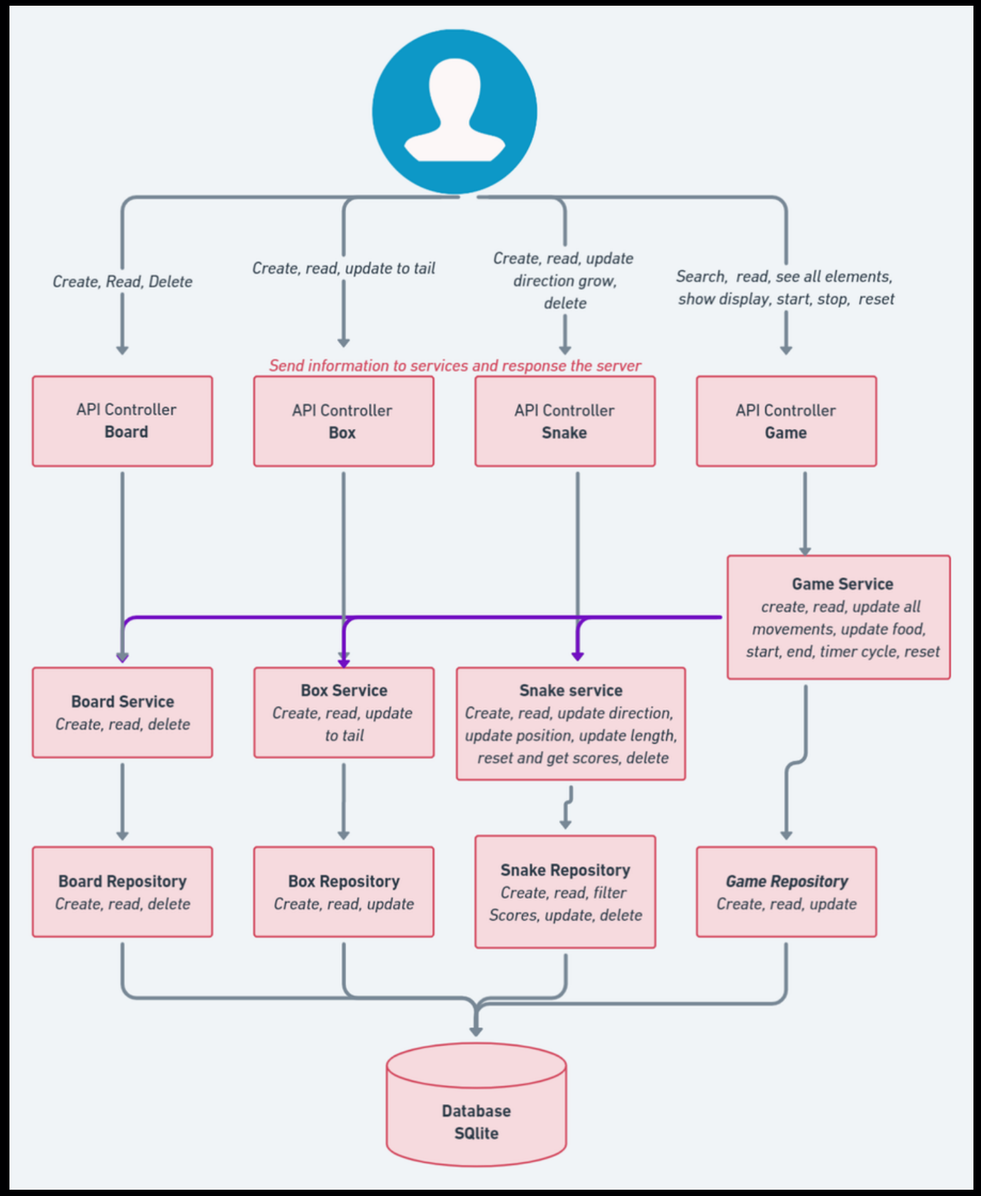
CONTEXT


Receive the information in the database
Send information to create game parameters
Snake Api
localhost:4000

CONTAINERS


API Server
Services
Logic process
Create and update
the information
Repositorys
Access to db, send
and receive
Database
Sqlite

COMPONENTS


Create, Read, Delete
Create, read, update to tail
Create, read, update direction grow, delete
Search, read, see all elements, show display, start, stop, reset
Send information to services and response the server
API Controller Board
API Controller Box
API Controller Snake
API Controller Game
Game Service
create, read, update all movements, update food, start, end, timer cycle, reset
Board Service
Create, read, delete
Box Service
Create, read, update to tail
Snake service
Create, read, update direction, update position, update length, reset and get scores, delete
Board Repository
Create, read, delete
Box Repository
Create, read, update
Snake Repository
Create, read, filter Scores, update, delete
Game Repository
Create, read, update
Database SQlite