const express = require("express");

const path = require("path");

const {open} = require("sqlite");

const sqlite3 = require("sqlite3");

const app = express();

app.use(express.json());

const dbPath = path.join(\_\_dirname , cricketTeam.db);

let db = null;

const initialize = async() => {

    try{

        db = await open({

            filename : dbPath,

            driver : sqlite3.Datbase,

        });

        app.listen(3002 , () => console.log("success"));

    }

    catch(e){

        console.log("Db error ${e.message}");

        process.exit(1);

    }

};

initialize();

const convertDbObjectToResponseObject = (dbObject) => {

    return{

        playerId : dbObject.player\_id,

        playerName : dbObject.player\_name,

        jersyNumber : dbObject.jersy\_number,

        role : dbObject.role,

    };

};

app.get("/players/" , async (request,response) => {

    const a ='

    SELECT

    \*

    FROM

    cricket\_team;';

    const b = await db.all(a);

    response.send(b.map((i) => convertDbObjectToResponseObject(i)));

});

app.post("/players/" , async (request,response) => {

    const details = request.body;

    const {playerName , jersy\_number , role} = details;

    const api2 = '

    INSERT INTO

    cricket\_team (player\_name , jersy\_number , role)

    VALUES

    (

        `${playerName}`,

        ${jersyNumber},

        `${role}`

    );';

    const db3 = await db.run(api2);

    response.send("Player Added to Team");

});

app.get("/players/:playerId" , async (request,response) => {

    const {playerId} = request.params;

    const api3 =

    SELECT

    \*

    FROM

    cricket\_team

    WHERE

    player\_id = '${playerId}`;

    const db2 = await db.get(api3);

    response.send(convertDbObjectToResponseObject(db2));

});

app.put("/players/:playerId" , async (request,response) => {

    const {playerId} = request.params;

    const details = request.body;

    const {playerName , jersyNumber , role} = details;

    const api4 =

    UPDATE

        cricket\_team

    SET

        player\_name = `${playerName}`,

        jersy\_number = `${jersyNumber}`,

        role = `${role}`,

    WHERE

        player\_id = `${playerId}`;

    await db.run(api4);

    response.send("Player Details Updated");

});

app.delete("/players/:playerId" , async (request,response) => {

    const {playerId} = request.params;

    const api5 =

    DELETE

    FROM

        cricket\_team

    WHERE

        player\_id = `${playerId}`;

    await db.run(api5);

    response.send("Player Removed");

});

module.exports = app;