

Answers to questions on Full Stack Application

- 1) Routes get defined in Express on the server side within the helpers area, `create_router.js`
- 2) The client and server are kept in separate directories. The client is responsible for user interaction whilst the server deals with CRUD aspects relating to the database and routing. The client has various components, for instance `App.vue` displays all the info from `GameForm` and `GamesGrid`. `Games Card` creates a delete event for the event bus and `Games Grid` listens for it. `Games Grid` listens for creations done in `GameForm`. More info on the server in question 3.
- 3) The server deals with CRUD functionality relating to the database and routing (responding to whichever urls get send to it). Currently this is the only API being handled, `‘/api/games’`
- 4) Without the `gamesRouter` one wouldn’t be able to route information to the `games` collection that lives inside the `games_hub` database.
- 5) The user uses a form which provides them with the ability to carry out some but not all CRUD requests but thankfully they don’t directly interact with the database. Also they lack the ability to update saved data, just delete & can’t search for specific games, instead they are presented with all of them at once. Nor can they delete all games at once, just one at a time.
- 6) The front end carries out Fetch requests that are Get, Post and Delete within the `GamesService.js` file all impacting `localhost:3000/api/games`
- 7) It makes requests to the get [INDEX], post [CREATE] and delete [DESTROY] routes. So ones with `“/”` and `“/:id”` however the front end cannot access the put [UPDATE] or search for a specific player (SHOW), it only displays all of them.
- 8) A Mongo Database Driver allows the Node.js JavaScript to connect and access the Mongo DB database. MongoDB has drivers for all sorts of other languages like Swift, C++, Python, Java & everyone’s favourite, PHP.
- 9) `.ObjectId` is used to create an `ObjectId` instance so we can delete, search for or update specific values in the database table using the correct format. Or you’d have to have very ugly id variables in the code like `“5ec29d686ab8d3a6adc5f2f6”`