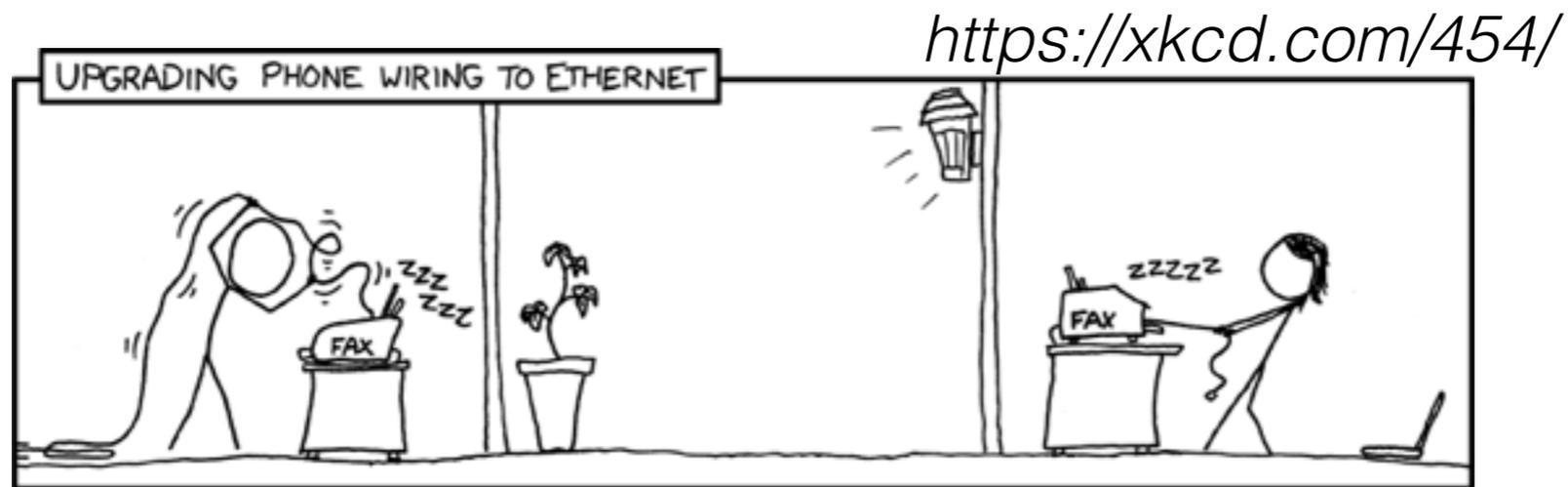


CPSC 310:

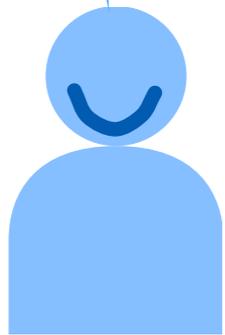
Project Epics & Architecture

What is the project?

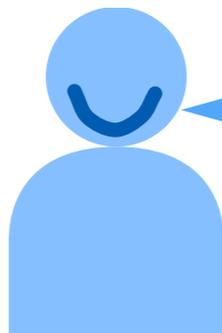
- A collaborative comic book application!



I made the first cell!



I made the second cell!



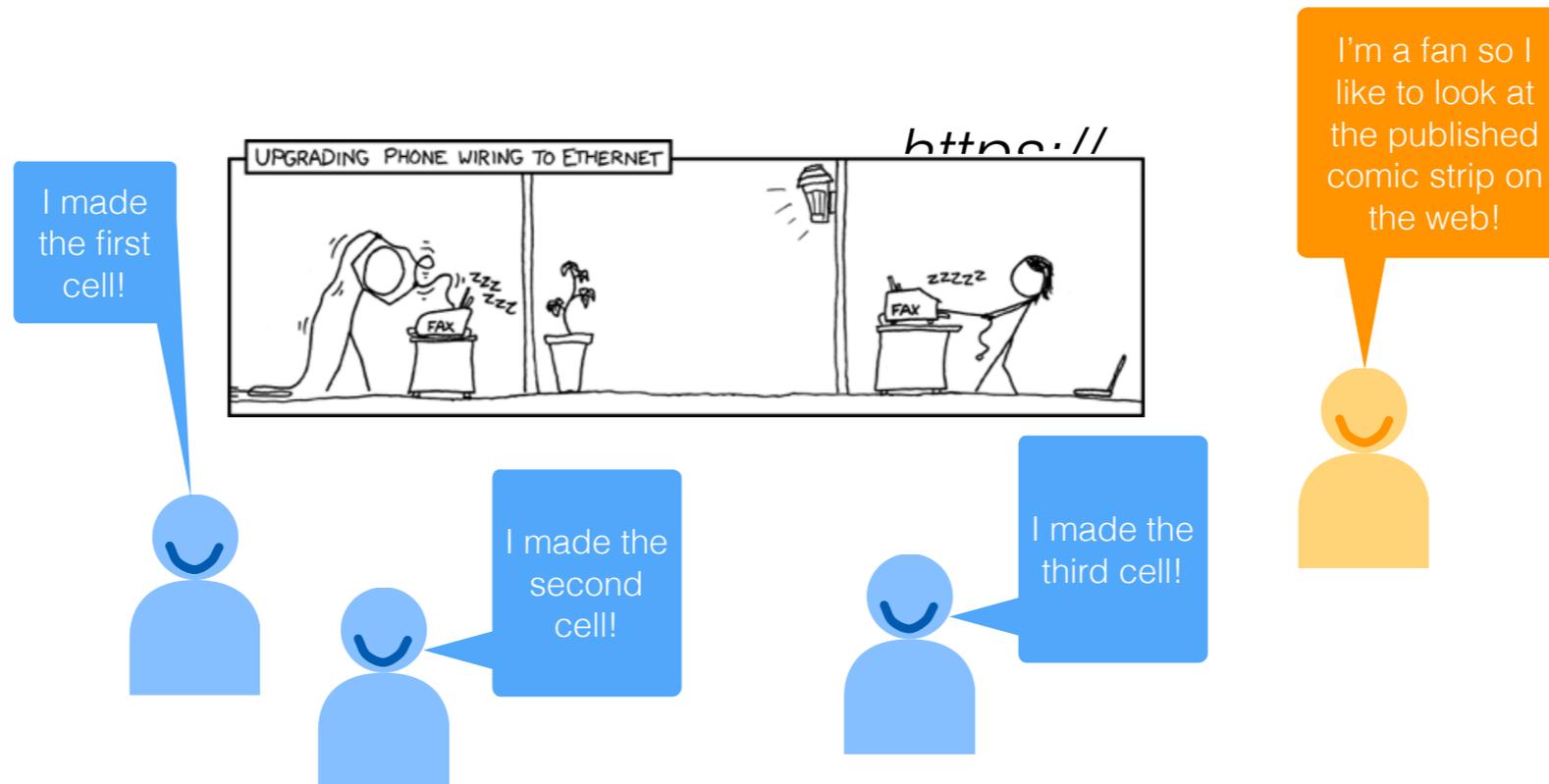
I made the third cell!



I'm a fan so I like to look at the published comic strip on the web!



Project “Epics”



Access - Users need to login with a password and have some user-specific account data (profile, preferences, media, etc...)

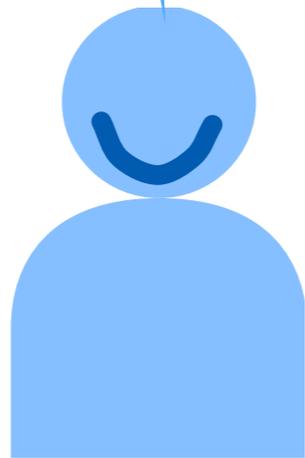
Storage - All information about users and comic strips should be stored in a Database.

Editing - Contributors should be able to create and modify comic strips.

Viewing - Users should be able to search and view comic strips

Project: kinds of users

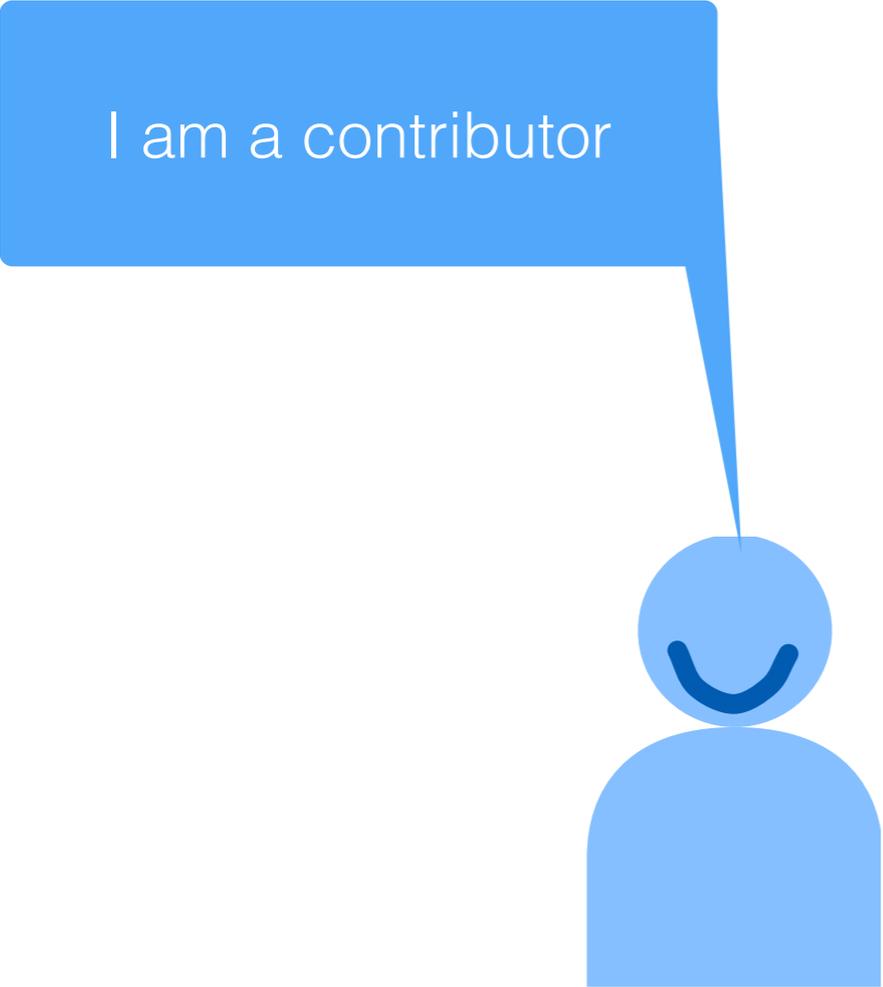
I am a contributor



I am a viewer



Contributors can...



I am a contributor

- log in as a contributor
- create and modify a comic strip!

Editing - Contributors should be able to create and modify comic strips.

Access - Users need to login with a password and have some user-specific account data (profile, preferences, media, etc...)

Viewers can...

- log in as a viewer
- search and view comic strips



I am a viewer

Access - *Users need to login with a password and have some user-specific account data (profile, preferences, media, etc...)*

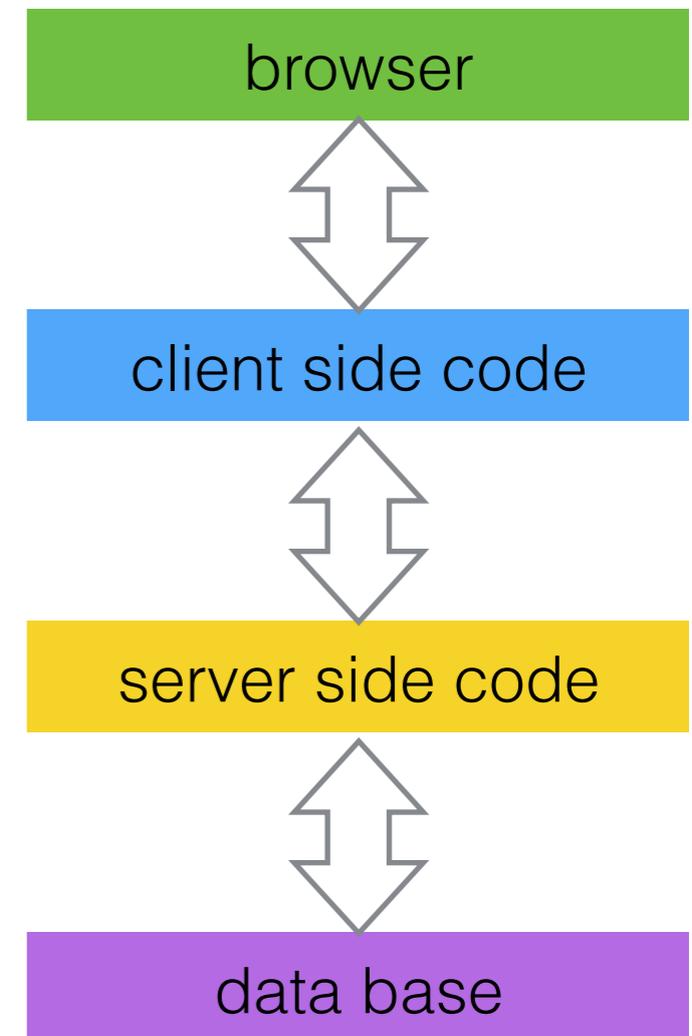
Viewing - *Users should be able to search and view comic strips*

Is that really all we're telling you?

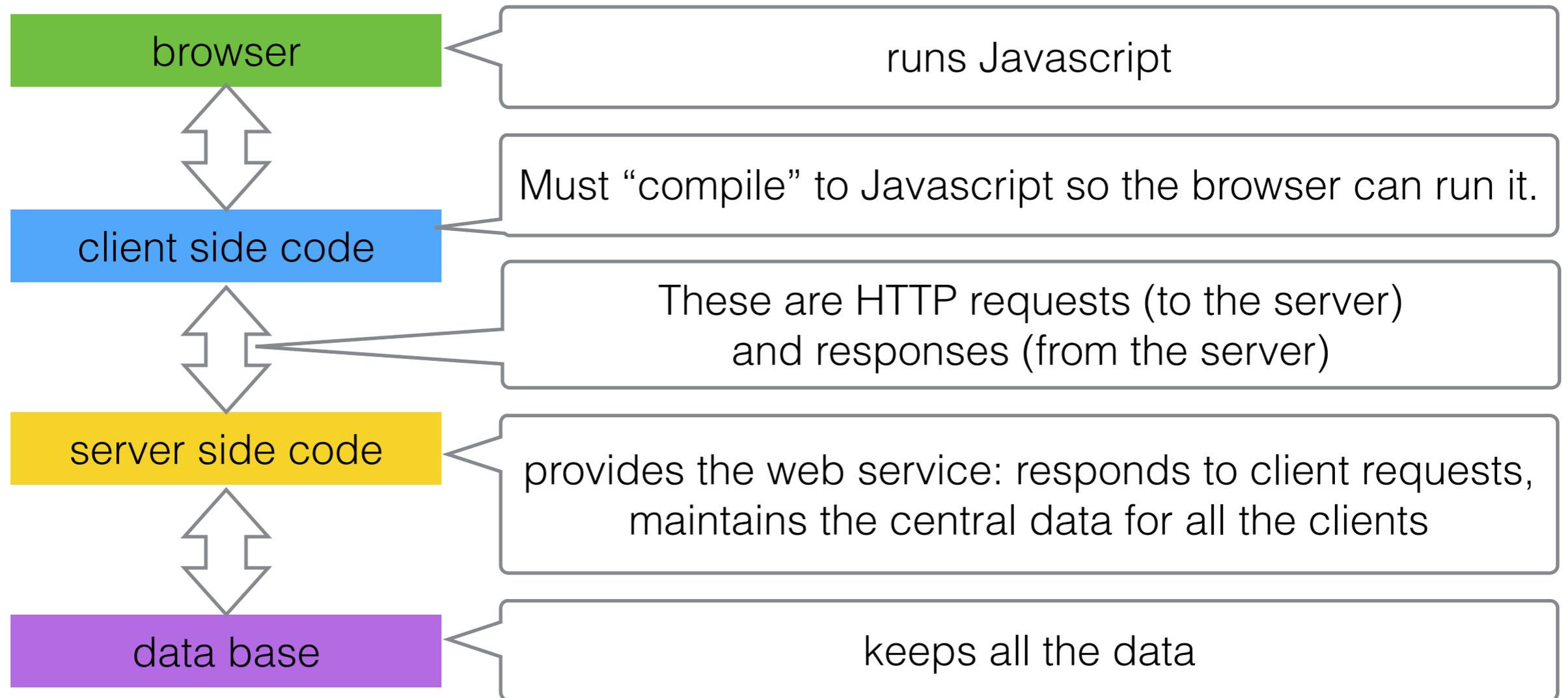
- At the user level - yes.
- Our intent is for you to work from this basic usage guide, and create something cool and individual.
- We are, however requiring you to use certain tools (with some flexibility).

Basic Architecture

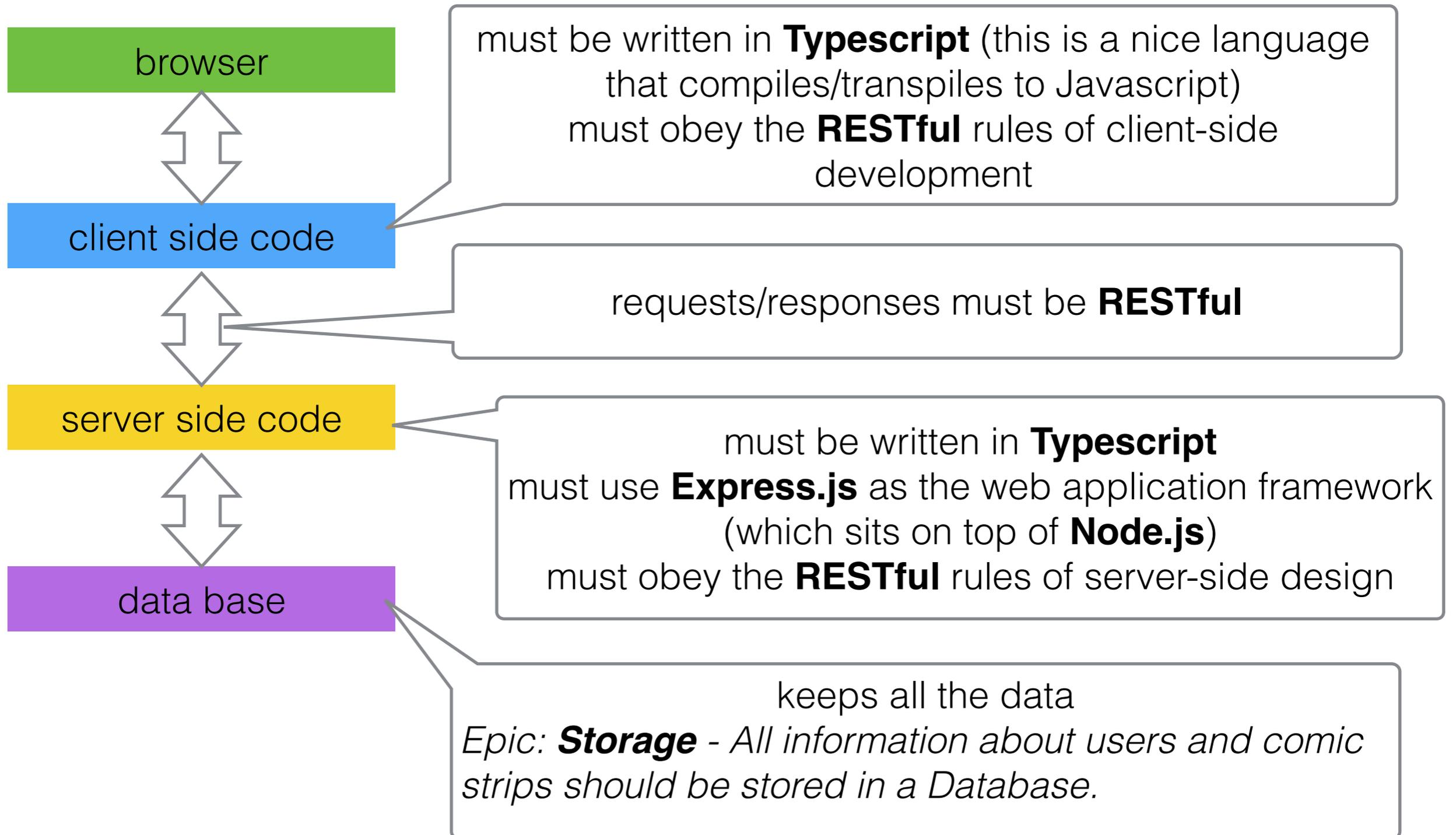
- you are creating a web application.
- This means your user must interact with a browser, that then interacts with a server, that then talks to a database



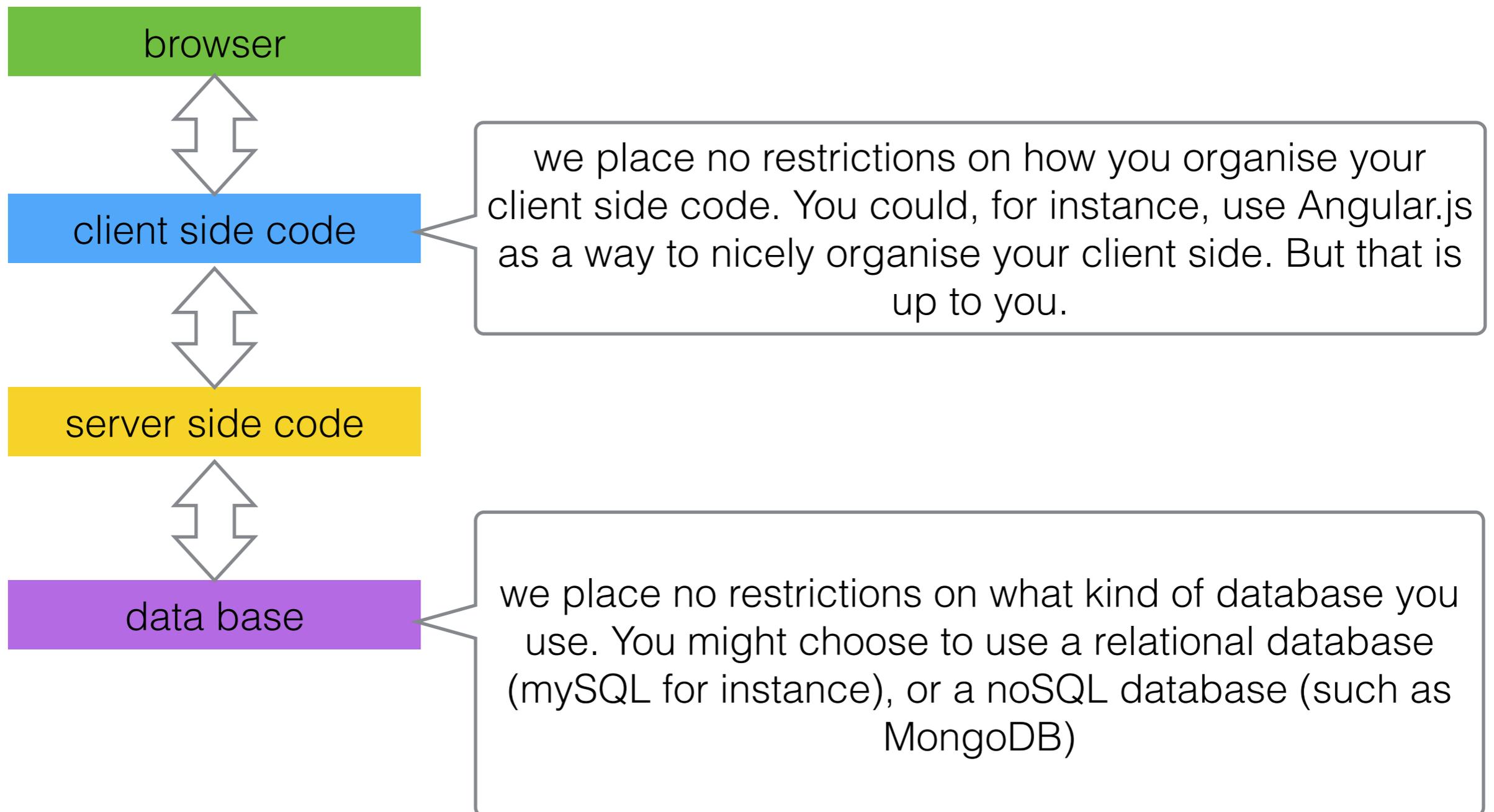
Some super basics



What we are requiring...



What we are NOT specifying...



Project Stages

- Week 1: Learn what **Typescript**, **Express** and **Node** all mean. and learn how to use GitHub properly. This is done independently. Start right away!!
- Week 2: Finalise the **User Stories** for your application and **Form Groups!** Yes, this is before the add/drop deadline of Jan 18. In week 3 we will slightly rejig groups.
- Week 3: **Prototype** your application, and **plan your Sprints** (*2 week work periods where you develop a bundle of code that results in a finished product, however minimal*)
- Week 4-6: **Development Sprint 1!** Week 6 is a demo week
- Week 8-10: **Development Sprint 2!** Week 10 is a demo week
- Week 11-13: **Development Sprint 3!** Week 13 is a demo week

Groups

- **4 people** - not 3 or 5. We will deal with it if someone drops the course from your group. Wait for Week 3 instructions in that case.
- **All in the same lab** (no cross-lab groups)

Inter-group Communication

- Each group must work **INDEPENDENTLY!**
- **There can be no collaboration or code sharing between groups**