

Q3 Full Stack Project

Agile



1. Create stories for your project.
2. Stories should be small and numerous to facilitate group work.
3. Document any interfaces before you work.
4. Track using Pivotal Tracker.
 - Provide us link so we can track progress.
5. Continuous communication and check-ins. Multiple times a day is preferred.
6. Working in a single location is beneficial.

Front End

```
if ($(window).scrollTop() > header1_initialDistance) {  
    header1.css('padding-top', '' + $(window).scrollTop() - header1_initialPadding);  
}  
else {  
    header1.css('padding-top', '' + header1_initialPadding);  
}  
  
if ($(window).scrollTop() > header2_initialDistance) {  
    if (parseInt(header2.css('padding-top'), 10) > header2_initialPadding) {  
        header2.css('padding-top', '' + $(window).scrollTop() - header2_initialPadding);  
    }  
}  
else {  
    header2.css('padding-top', '' + header2_initialPadding);  
}
```

Angular



- Controllers
- Custom Directives
- Services
 - \$http (At least this one)
- Routes
 - Either one

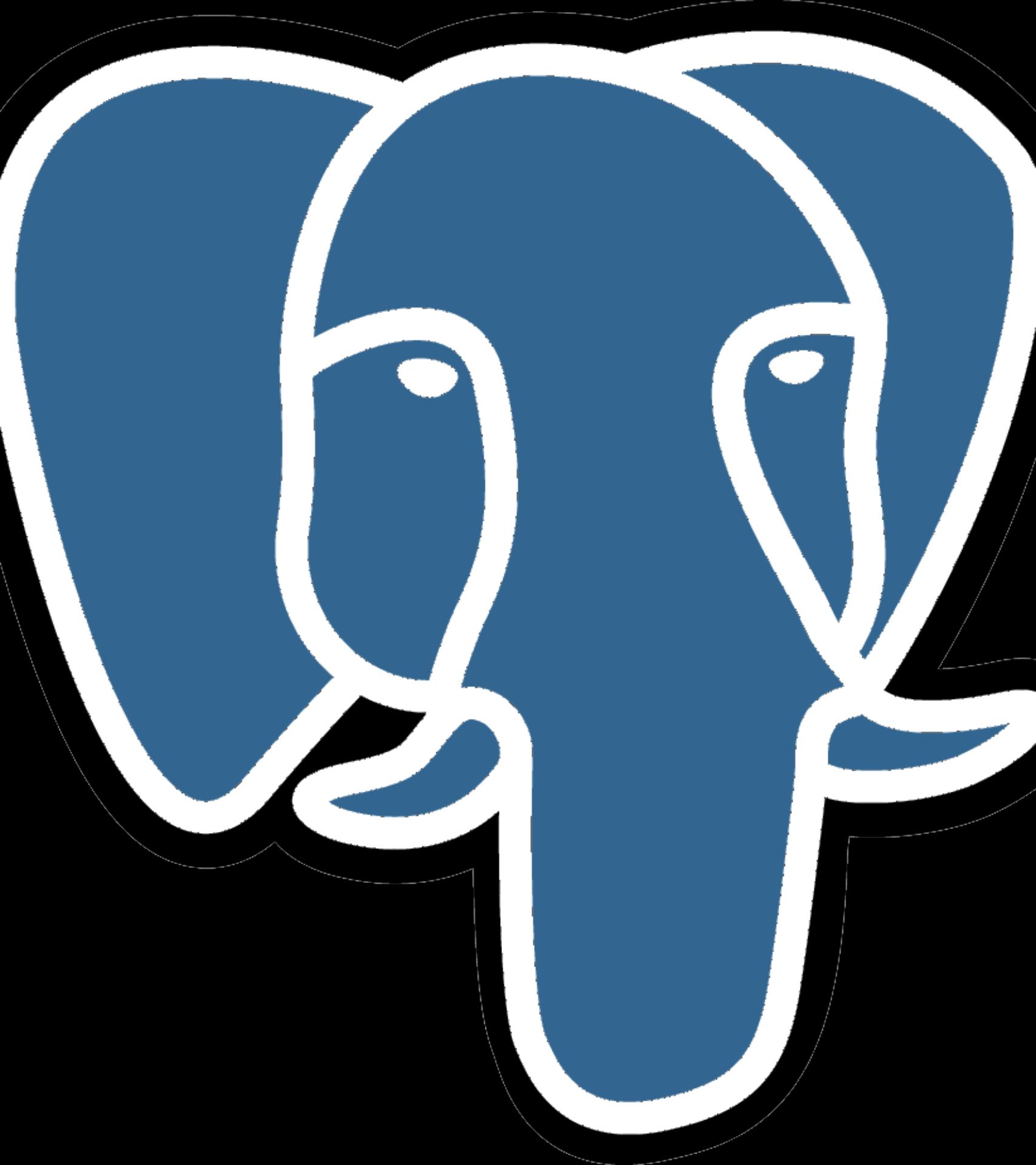
Server

Node / Express

- Create an API.
 - Any client should be able to use the data from your API.
- No Server Side rendering of HTML.
- Documentation.
 - Hint: Start with this.
- Error Handling.
- Authentication and Authorization.
(JWT)

```
cel
"of-type";
& last === 0 ?
: nth-*(n)
) {
elem.parentNode;
em, context, xml ) {
ne, outerCache, node, diff, nodeIndex, start
= simple !== forward ? "nextSibling" :
previousSibling",
parent = elem.parentNode,
ame = ofType && elem.nodeName.toLowerCase();
useCache = !xml && !ofType;
( parent ) {
only)-(child)of-type)
```

Database

- 
- Have one!
 - At least for user details.
 - Must be a DBMS (Postgres/Mongo).
 - No storing any data using file system module.
 - Migrations
 - Seed Data

deploy ↵

space

Scrn

Scroll
Lock

Pause

Insert

Home

Page



- Client and Server can be deployed to separate environments.
 - Beware: CORS.
 - Deploy API to Heroku.
 - All team members should be able to deploy independently.

Source Control

- Source code needs to be available on GitHub.
 - Provide us a link so we can follow progress.
- Each team member needs to commit and merge their own code.
- Feature Branch Strategy.
 - Commit and merge frequently.
 - Keep stories small.

