**Data Model**

* Suggesting MongoDB for storage
* Front end consumes data from own API and database, but can populate your own database with other databases using functions within node
* Think about way that data is transferred between front and back

What are the entities in the system?

* Whole globe
* Each country
* Welcome page

Model

* Look up information stored on welcome page
* Take in information about where the user’s mouse is
* Look up overview statistics for a county
* Take in information about what the user does next – whether they click on a country or move mouse to hover over another country
* Look up detailed statistics for a country
* Take in information about whether the user exists these details
* Reading data of statistics for each country, and then storing that somewhere it can be accessed to adjust the display of countries (i.e. how dark or bright they are)

Literacy Rates

* Entity (country name), String, required, foreign key
* Code (country code), String
* Year (of data collected), Number
* Literacy rates (data), Number, required
* Year + Entity(/code)=primary key

Coordinates

* Entity (country name), String, required, primary key
* Languages, String
* Latitude, Number
* Longitude, Number
* Region, String
* Population, Number
* Area\_sq\_mi, Number
* GPD\_per\_capita, Number
* Climate, String