API

Validate your API

* Write each resources actions on notecards
* Use notecards to map out each flow, action, etc
* Fill in any gaps you might be missing, assign them to resources as appropriate

**OVERVIEW OF HTTP**

* REST is a generally agreed upon set of principles or constraints. It's not a specification, which is great. It gives us a ton of flexibility. The downside is that there's not always a right answer to everything. Of course, that said, the REST concepts are based on a set of standards.

One of the official standards in the mix when you discuss REST concepts is the backbone of the internet, or simple HTTP.

**HTTP Headers and Response Codes**

HTTP, this means a ton. First, we have the 200 OK response code. That means whatever we're attempting to accomplish was successful. In this case, we are just loading a webpage.

5 Types of Response Code ranging from purely informational, to various errors

1xxx informational

2xx success – OK commonly used for web browsing, the rest are used heavily for APIs

201 – CREATED signify a resource has been successfully created.

202- ACCEPTED used to identify that the action you requested is underway, but not complete yet

204 – No content, which primarily used when you delete a resource

3xx redirect

301 – moved permanently

302 –moved temporarily

4xx client error

400 – bad request

401- authentication required

403 – Forbidden

404 – Not Found

5xx server error

Content Type: for normal web browsing test HTML for a API usually JSON, or XMO.

Media type: it describes the actual structure of the payload and how things work together. This allows the client parser to figure out how best to process the payload.