Example Design Process

< in teams >
Social Computing Systems

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What is Meteor?

Javascript framework ("what is a framework?")

Front-end + back-end support

Front End:
- HTML + handlebars → connects HTML to JS, allows for variables/functions

Back End:
- Server-side JS. Wraps up node.js and mongoDB and abstracts them away
METEOR CLIENT

- Handlebars
- JavaScript
- Mini Mongo

Local Storage

DDP
(Transparent Publications, Subscriptions, Observes)

NODE JS RUNTIME

- JavaScript
- Mongo

- HTTP
(Explicit Method calls)

METEOR SERVER

Mongo DB

Source:
https://www.gravitywell.co.uk/
Stuff to Know

Collections

Collection.find({})

Reactive vars
Stuff to Know

Collections

- var myCollect = new Mongo.Collection('collName');

Collection.find({})

- Search: mongoDB queries. Simple, but keep your schema in mind

Reactive vars

- import { ReactiveVar } from 'meteor/reactive-var';
- var contact = new ReactiveVar('default value')
Tips

● Use collections

● Use autopublish

● Use reactive vars

● Don’t over-complicate it. You need:
  ○ Username box / error msg / login button
  ○ User-chat selection / back-end means of tracking conv