Senior Project Agenda

1. Synopsis
2. Domain Model

AWS IoT, understand the relationship between how it maps into the application

This gives a highly synchronous, but it is intended to be asynchronous. The web application can slow down. You don’t want a 1000 tv’s to slow it down. How do we put the asynchronous pieces into the architecture.

Add mobile… eventually. Your messaging, so there is an sms delivery happening. Communication happens back to the user. So, things are sent back to the phone number.

Understand the persona overview.

Admin, User…

Requirements

1. He is a visual person, so it would be nice to have more graphics…
2. We don’t have to use amazon, we could use other options like google
3. Kafka may use you to put a server, but aws may not need it. We don’t want any concept of a server. No use of a server.
4. Biz cloud experts know only the tools they suggested, aws, angular. We can choose to not use any of these tools, but we would need to provide justification
5. We want this application to be heavily asynchronous and as almost as real time as possible. We want technologies that scale.
6. Notifications are sent to multiple channels. Any point you can look at the history of the notifications, what was sent to the user. The history is clear and available.

Interaction models like a sequence diagram would be better than the use case flow…

As an admin the first thing you think about is the list of devices. The ability to say pick a device to configure. The first thing is the lsit of devices you manage, and the second thing is, here is all the request for approval ( user wants to put an add out there) and the ability to create their own content.

1. Pick device from list (tv’s)
2. It’ll provide the tv dimensions and the css style sheets that you can use for that T.V
3. Approve ad’s pushed by users
4. Create the content himself so he can push them

Get the wireframe of the homepage, make sure the pull from the homepage is authentication and go to database to get all the devices.