### Web App Pages

1. Log In
   1. **All roles**
   2. User, / password submission
2. Add a section to a client
   1. **Client Account Admin**
   2. View sections page
   3. Add sections page
   4. Lambda to add a section to a client
   5. Section table has a client id
3. Assign a section admin to a section
   1. **Client Account Admin**
   2. Edit section admin page
   3. Lambda to update the section id in cognito
4. Assign client owners to a client account
   1. **System Administrator**
   2. Edit client owner page
   3. Lambda to update the client id in cognito
5. Assign a client admin to a client account
   1. **Client Account Owner**
   2. Edit section admin page
   3. Lambda to update the client id in cognito
6. Submit a content request
   1. **End User**
      1. Landing page for website; unauthenticated access
      2. Link to Login from here
7. Approve or deny content request
   1. **Client or Section admin**
   2. A separate page for all requests that have been submitted; can only see requests for Section if you’re a section adin, can view all requests in the client account if you’re a client admin
8. Sys admin page - ?
9. Add client account
   1. **System Admin**
   2. A page to enter the name of a client account
   3. Accessible from list of clients
10. View all client accounts and details
    1. **System Admin**
    2. Link to View account details page associated with each client account listed
11. View all devices
    1. **System Admin**
       1. All devices in system, their client accounts
    2. **Client Account Admin**
       1. All devices listed under this client account as well as their section
    3. **Section Admin**
       1. All devices listed under this section .
12. Client account owner setting page - ?
13. Approve a device registration request
    1. **Client Account Admin**
    2. How does approval work? In the scheme of when the device sends the request. How will the tv be notified by the web app??
       1. Pending page loads when a request is sent from the registration page. On this page, behind the scenes, there is an mqtt connection that subscribes to an approved or deny topic. When the keyword approved is retrieved, the a new activity is then started that loads the main card activity page
       2. During the smart tv load up, there will be 3 screens that the app opens to, it checks whether there was a request sent for approval, a device approved, and if both are there, the main activity page is loaded. The other page that loads is if the request sent for approval and not yet approved, it will take you to a page that says PENDING APPROVAL. The third page is when a request is not sent, and therefore the main page that shows registration loads up.
14. Assign a device to a section
    1. **Client Account Admin**
    2. Once a device is approved, you must add it to a section
15. View all open content requests
    1. **Client Account Admin, Section Admin**
    2. A client account admin can see content for all sections
    3. A Section Admin can only see content for their section
    4. Options from here to approve or deny; see following item
16. View all available content
    1. **Client Account Admin, Section Admin**
    2. View all deployable content in a dashboard. Option to create content and view content requests from this page.
    3. Also have the option to Push content from this page
17. Create content
    1. **Client Account Admin, Section Admin**
    2. Access to a page to enter details for a content tile. Will be added based on user’s section and client ids
18. Push content to a smart tv
    1. **Client Account Admin, Section Admin**
    2. For a specific content, pull up details on it as well as a list of devices to push the content to. Select the desired devices (a list of devices for this section, or client account, role depending) to push to, then select a submittal button to commit push
19. View all currently deployed content on a specific TV
    1. **Client Account Admin, Section Admin**
    2. Select a device to view a dashboard of all content currently deployed to a specific smart TV

**Bolded text** is the roles associated with a page; more than likely, a view will need to be implemented somehow for all roles listed, however, the views will probably be similar yet display differently filtered information.

### Web App Subsystems

1. Authentication
   1. 1
2. System Admin
   1. 4
   2. 8
   3. 9
   4. 10
3. Client Account
   1. 2
   2. 3
   3. 5
   4. 12
4. Device
   1. 11
   2. 13
   3. 14
5. Content
   1. 17
   2. 18
   3. 19
   4. 20
6. Content Request
   1. 6
   2. 7
   3. 15
   4. 16

### Smart TV Features

1. Display each card activity under one topic
2. Register a smart tv
   1. **Section Admin / Client Account Admin**
   2. Section Admin - Goes to the device to set it up and request registration
   3. Client Account Admin - see Web App features:13