Strategic Machines
Code Review Comments

Justin
Home Page and AuthO – refactor homepage
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1. Complex piece of work. Overall well planned, designed and executed
2. Excellent use of .md file in project root with comments and instructions. This .md file (along with others) need to be moved to the /.github directory and consolidated in a single Installation.md file
3. 3. Looking through app.js code – noted that it is nicely structured and commented. This same structure and 'comment discipline' should be extended to other components as well – as an engineer you need to develop your 'signature' for app dev
4. Signed-up for account
   a. The github signup for me did not work – needs to be fixed
   b. The auth0 styling and workflow needs to be improved – tackle this with Juan and Daniel – to ensure we have a simple process – that integrates well with Daniel's concept of landing on a 'dashboard'
   c. Turn off 2fa authentication in auth0 --- we will use this once in client.js and member.js registration to ensure we are tying a cell phone to an account – but no need for it beyond that purpose -- if customers are asking for tighter login security we can reinstitute this at the auth level at a later date
5. I logged back in – I like the way auth recognizes that I had last signed by detecting my device.
   a. When I logged in and inspected the console – it logged an error of 'invalid token'. The description said "state" does not match token
   b. I notice the menu option did not change – it still said 'log in' on navbar
   c. I logged in a second time – navbar switched to 'logout' – console showed valid object returned from auth
      i. What is the cost of the 2fa service with auth? Where did the phone number come from?
      ii. In the console, I did not see a jwt? How are subsequent routing decisions made and validated?
      iii. Is there a timer on a session? (no need for one – just asking)
6. In the navbar – it only shows login .. not signup | login when home page renders
7. For each of the menu selections, the footer needs to be fixed to the bottom
8. Known issue – styling between market and home. This needs to be addressed with a styling strategy at the root (home) – where all pages then share in the uniform style. The style shown on /agents and /market (black navbar – clean crisp use of cards etc) is the zeit.co 'style guide' that should be extended to every page – including home

9. Observation– I noted App.js imports ./Pages/Main -- but in the Pages directory the file is called main.js (lower case – I am surprised this does not throw an error)
10. Nice use of react router in main.js
11. **Next Steps – execute new workorder -- $480**
    a. Review the strategicmarkets/webanalytics project in detail. When you have it running on your machine, study the flow and project organization of the components
    b. Work with Daniel and Juan on a 'project structure' for integrating all the components which exist – as well as new components that will undoubtedly be added over time (strategy for project structure)
    c. Conduct a test – by integrating several components into the 'target project structure' – demonstrating workflow, server interactions and styling are operating as expected
    d. Fix all styling, workflow and auth interactions as noted above. Consider a 'Landing Page' as demonstrated in the webanalytics app – (could be triggered when someone selects the signup | login menu option' .. or it is the index page … but do work with Daniel on the flow). The advantage of the landing page is additional information could be presented on what is accessible to a registered user vs a visitor
    e. Implement the auth process on the server-side – see how this works in the webanalytics app
    f. As a team – implement new structure, integrated with code updates from Daniel and Juan for multi-tenant operation