Development Tasks

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1. Make draft Webpages
   a. MAKE A NAVBAR
   b. Home Page
   c. Account Creation Page
   d. Login Page (Modal?)
   e. Lesson Page
   f. Manipulator Page
   g. Creator Page
   h. User Profile Page
   i. Explore Page
   j. About/Contact us Page
2. Expression Trees
   a. Data structure creation
      i. Data structure creation example
   b. Render
   c. User Manipulation
   d. Serialize/Deserialize (to/from JSON)
   e. Apply algebraic action
3. Implement Expression Manipulator
4. Implement Expression Creator
5. Set-up Database
   a. Schema
   b. User database
   c. Problems database
6. Create Database Class
   a. Functionality with schema
   b. Unit Tests
7. Create Server Class
   a. Get server running and get requests
   b. Send requested documents and data
   c. Testing
8. Spiffy up webpage design
   a. Use CSS framework (Bulma.io)
   b. Initial html pages
   c. Reorganize html
   d. Think about usability/design
9. Problem Generator
10. Setup AI
    a. Determine possible heuristics

       b.   Create functions
       c.   Training

11. User Accounts
12. Create Problem & Lesson Classes
13. Log-in System (https://developers.google.com/identity/sign-in/web/)
14. Tutorials
15. User Testing?
       a.   Developer Testing