

Baby Feed

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PROBLEM

Baby Feed is a web application designed to support parents monitor their baby's development and ensure proper vitamin and mineral intake. The main goal of this application is to help prevent child obesity by giving parents the needed tools and resources to give their child a proper health diet.

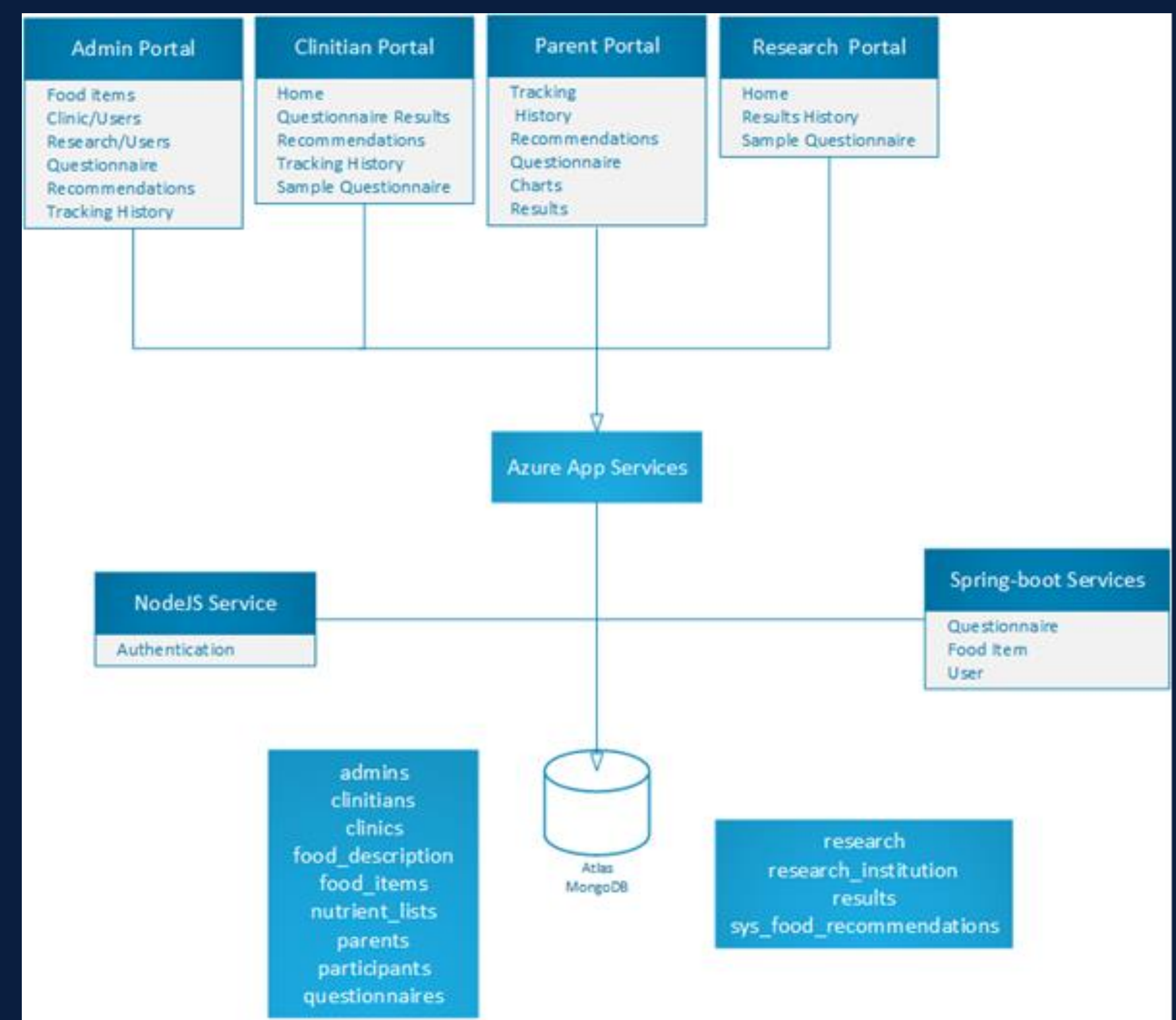
CURRENT SYSTEM

The primary objective of this cycle was to implement a DQIS feature which is a scoring system based on parents/participants questionnaire results. As well as being able to export the DQIS results along with the other food results. We were also tasked to fix some features and bugs left behind by the previous group.

REQUIREMENTS

- Navigation bar to access other pages
- Ensure calculations are done correctly
- Implement so that user data is saved and stored in database
- Add DQIS feature in food results and export
- Fix bugs

SYSTEM DESIGN



SCREENSHOTS



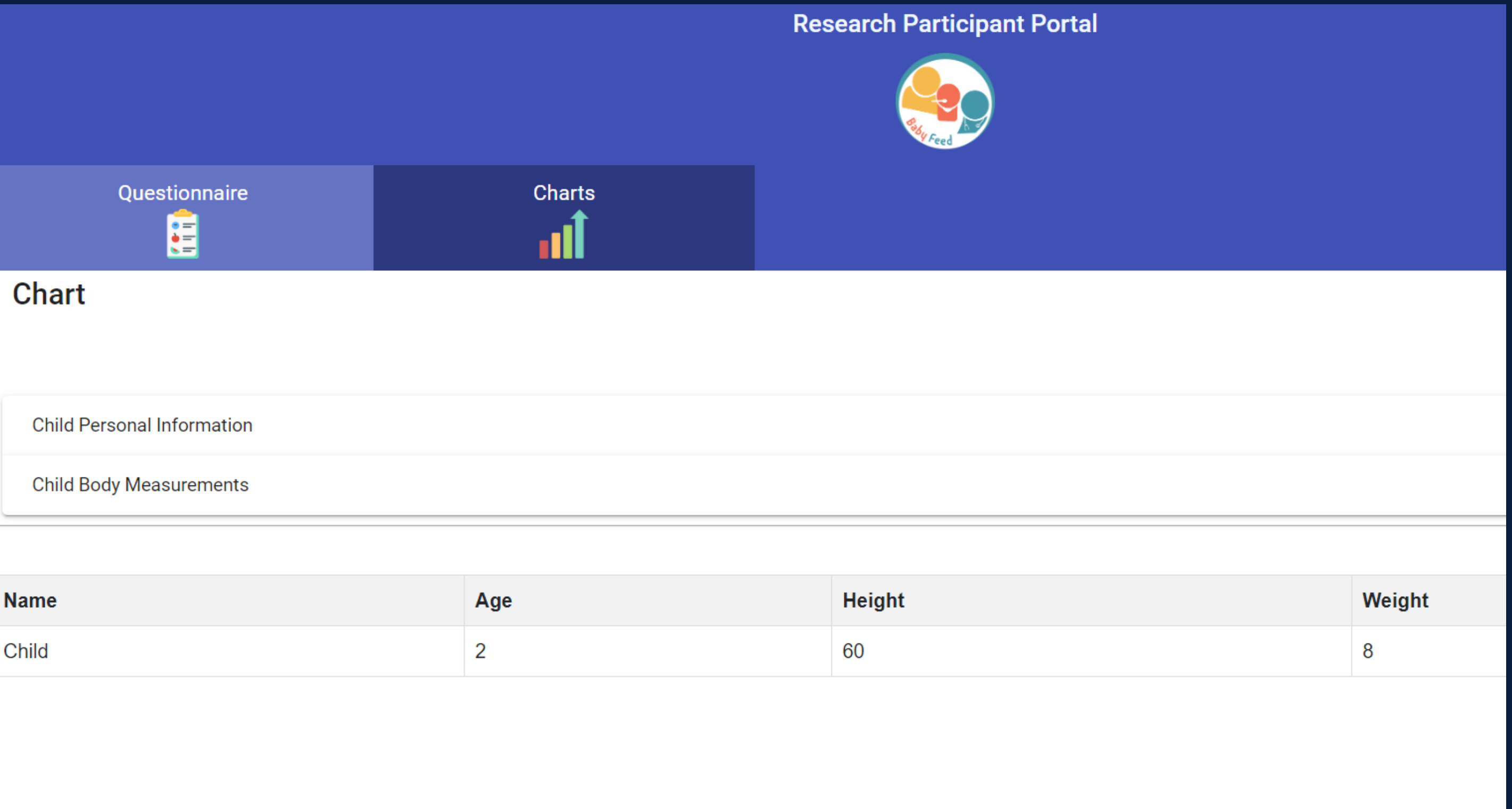
DQIS	
Food Item	Calculated Points
Milk	2.50
Whole Grains	0.00
Refined Grains	0.00
Proteins	2.50
Vegetables	2.50
Fruits	5.00
100% Juices	2.50
Sugary Beverages	5.00
Sweets	5.00
Salty Snacks	0.00
Total Points	25

IMPLEMENTATION



VERIFICATION

✓ babyfeed.ffq-questionnaire-web	#20230722.1 • loader and dqis fixes Individual CI for master
✓ babyfeed.ffq-food-item-service	#20230719.2 • summer 2023 semi-full commit Manually triggered for master
✓ babyfeed.ffq-user-service	#20230719.2 • summer 2023 semi-full commit Manually triggered for master
✓ babyfeed.ffquestionnaire-service	#20230409.2 • Merge pull request #6 from jwils133/master Individual CI for master
✓ babyfeed.ffq-authentication-service	#20230409.1 • Adding node_modules PR automated for 9



SUMMARY

Our team has successfully implemented the things we were required to do like the DQIS feature and improvement of the growth charts page. Some of my contributions to this cycle were to redesign the participant's page and allow them to enter and save their child's data. I also assisted with the implementation of the DQIS feature.

ACKNOWLEDGEMENT

The material presented in this poster is based upon the work supported by Dr. Cristina Palacios. I thank my teammates for their assistance that I received throughout the senior design project.