



Knight Foundation School of Computing and Information Sciences

Spring 2023 Capstone II Project

Baby Feed

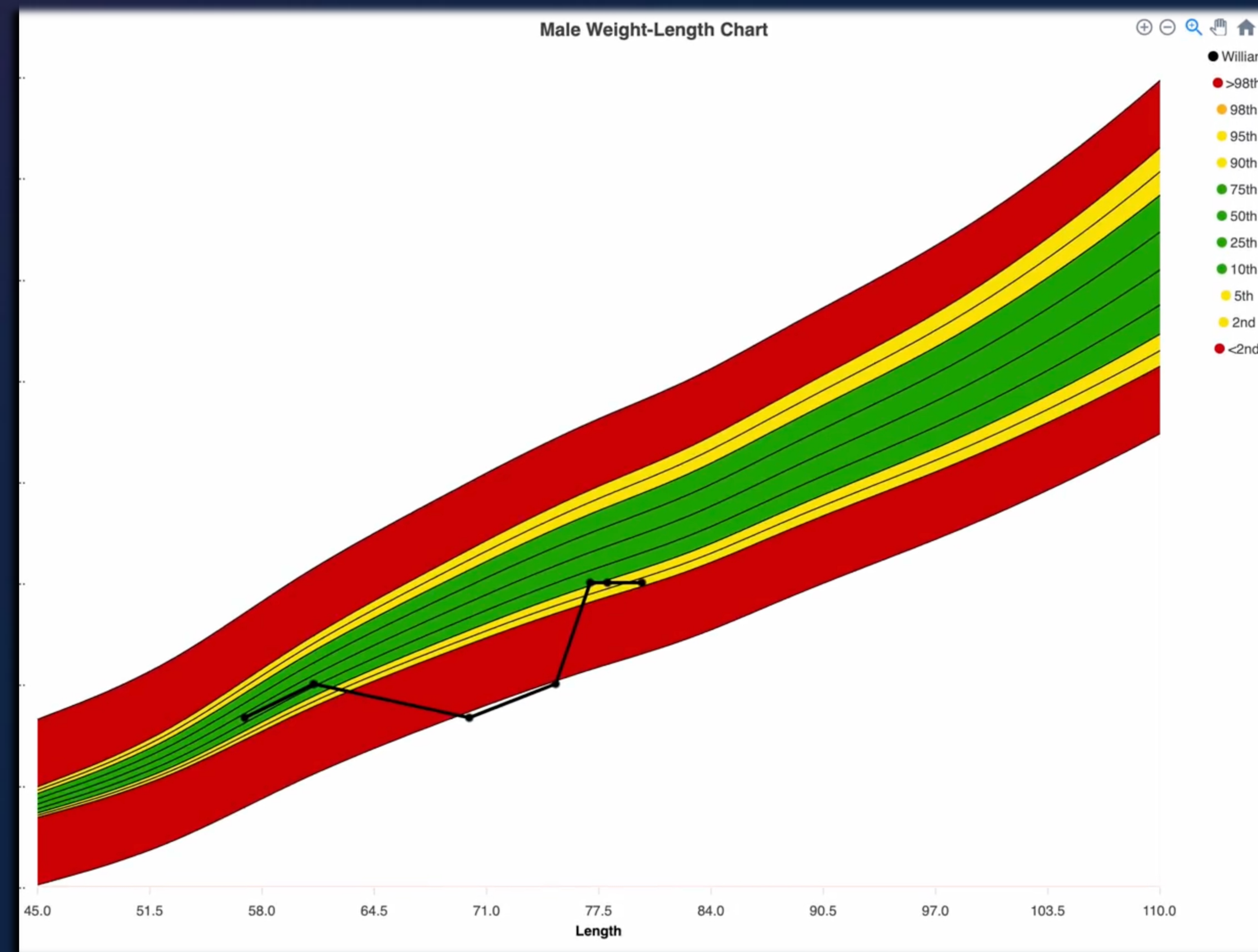
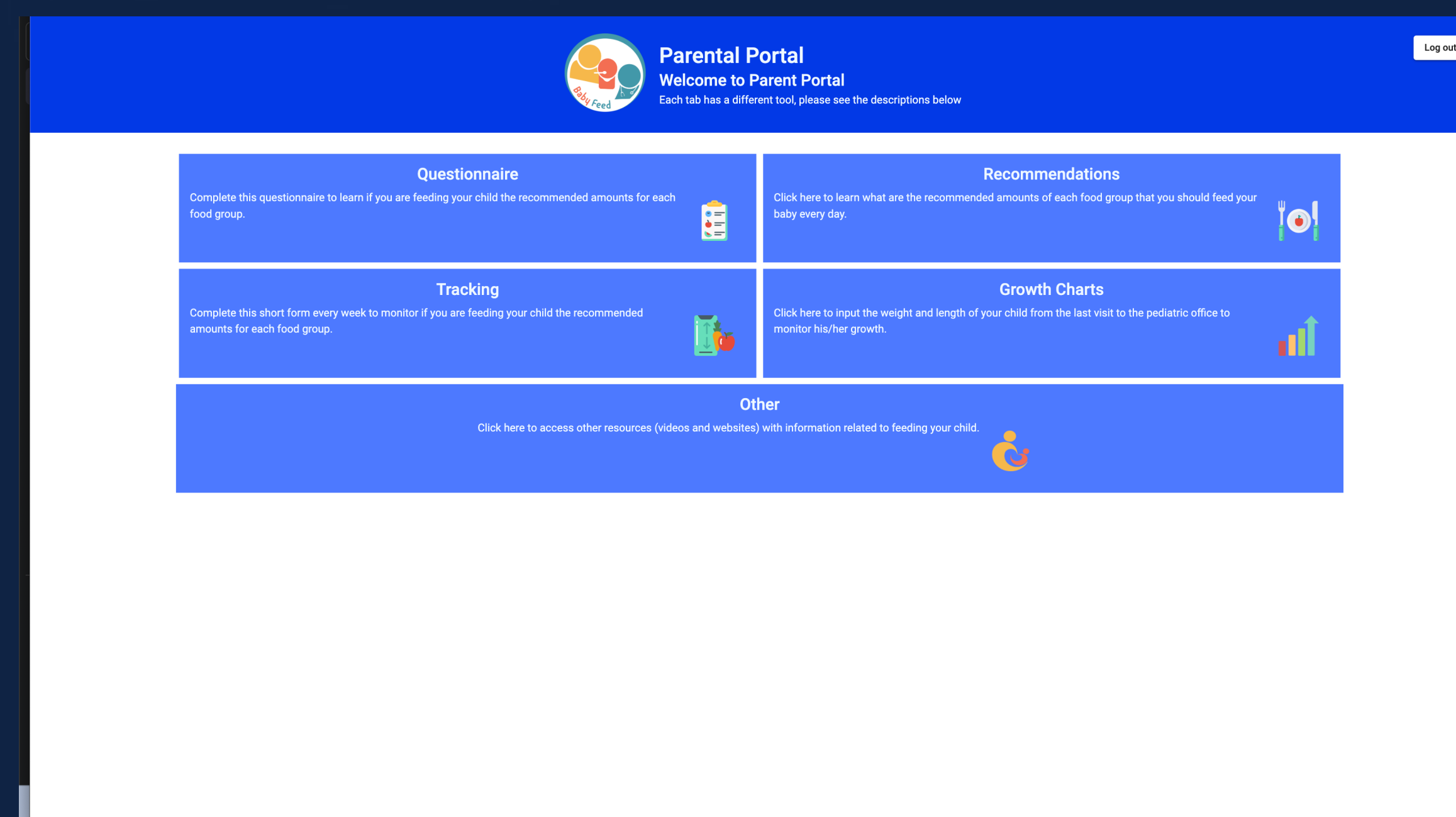
Students: Jada Wilson (Team Lead), Valrie Jules, Mariam Cueto, Christian Derisca, Sergio Fernandez

Mentor: Dr. Cristina Palacios, *Product Owner*

Instructor/Faculty: Dr. Masoud Sadjadi, Florida International University



TOOLS



FOCUS AREAS

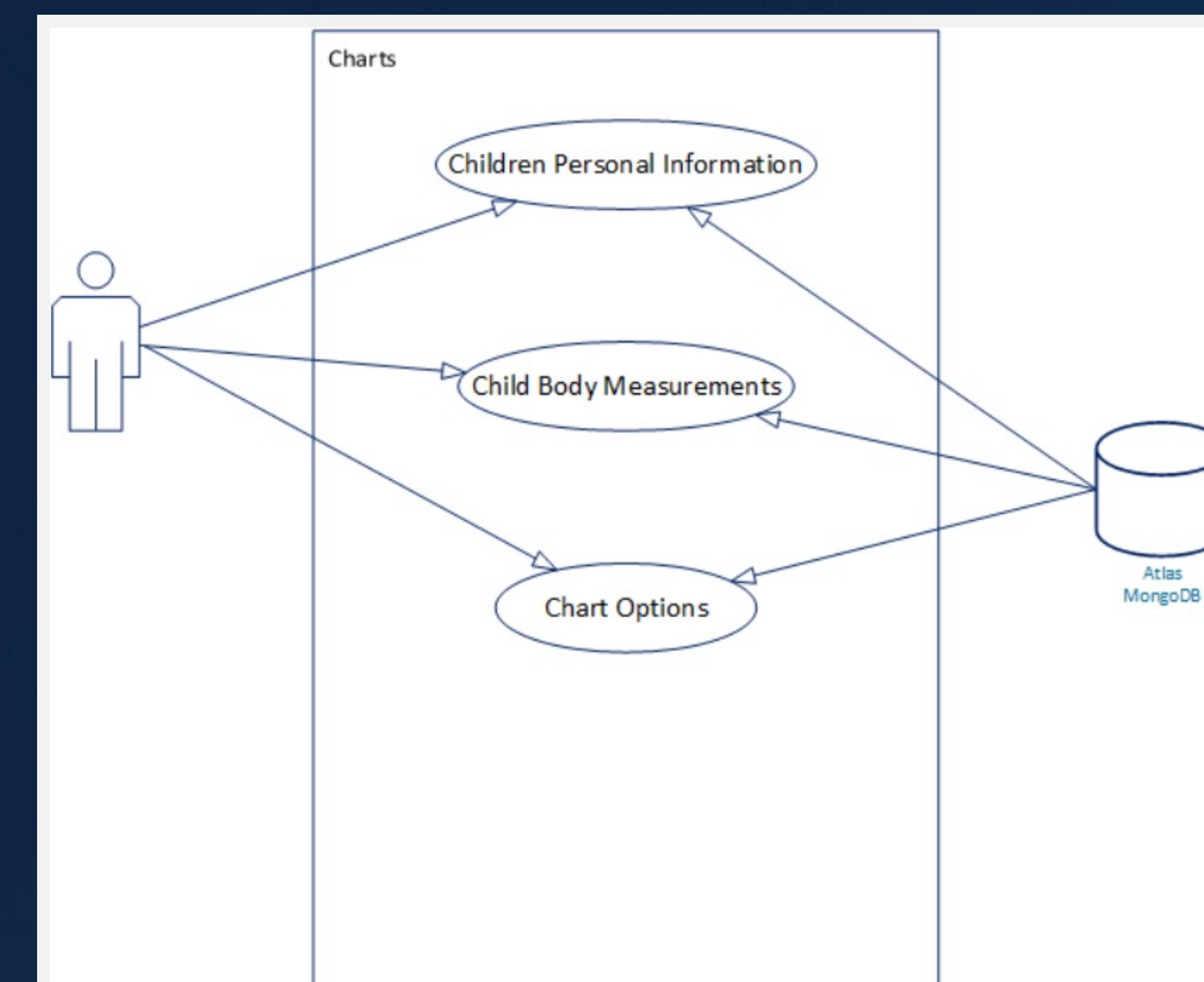
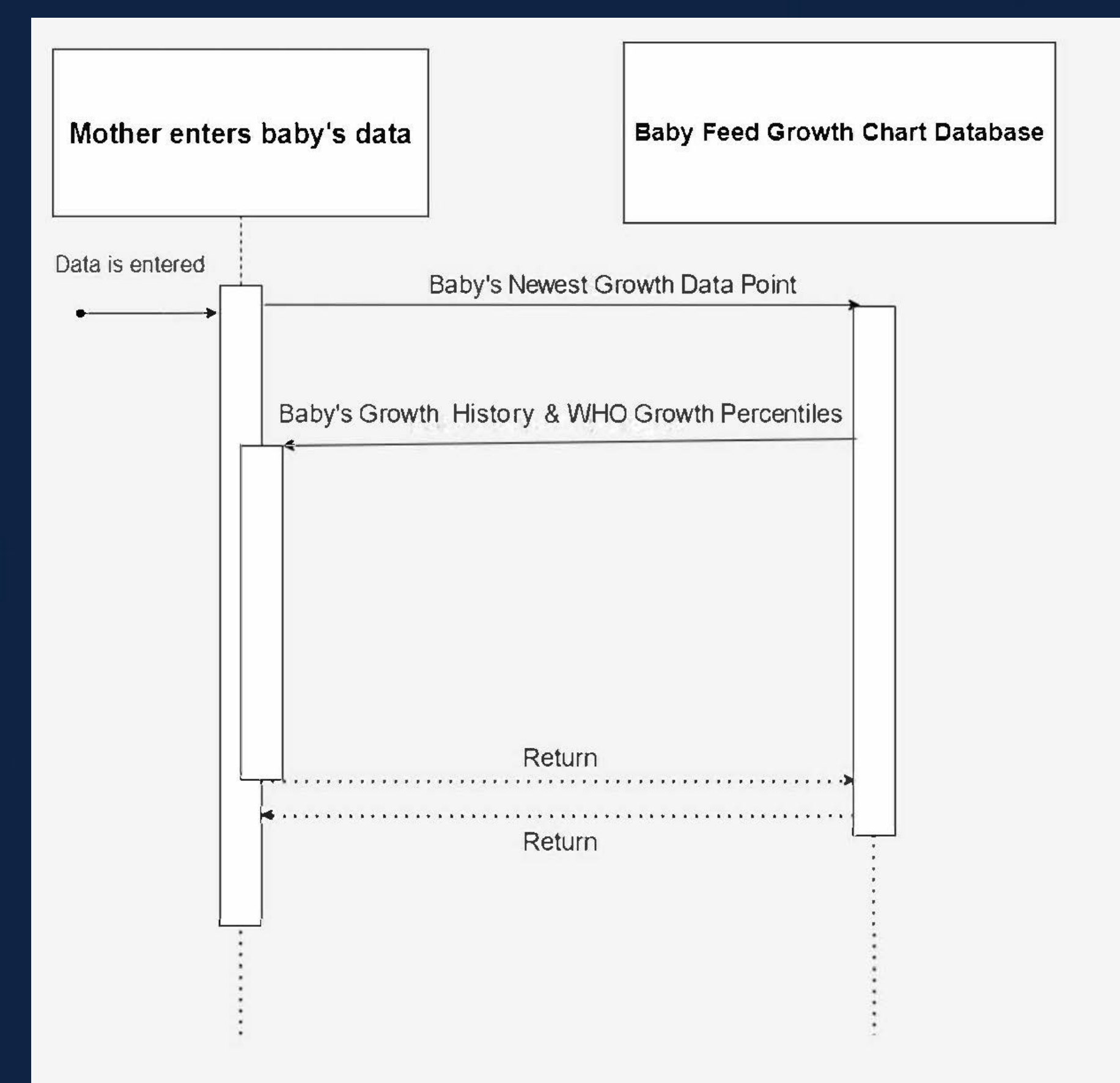
Designing, implementing, and optimizing the growth chart graph with corresponding colors for weight ranges
Creating a table for the growth chart graph, displaying weight and length data for infants
Creating a friendly user interface to show plots on the graph of the infants' data to help users interpret where the infant falls regarding healthy/unhealthy weight range

CURRENT SYSTEM

Baby Feed is a web application designed to track infants' food nutrient intake and growth based on their diet. With information such as the baby's age and diet, the user will receive feedback on nutritional value and recommendations for the baby's diet. This webpage also lets the parents know the adequate amount of food for their infant and if all the food groups are being incorporated into the baby's diet.

SUMMARY

The current version of the Baby Feed web application has made numerous improvements, bringing us closer to our goal of ensuring the well-being of our younger population. We have made several changes to the user interface to improve user interaction. Furthermore, we made it simpler to store and display important information that can help parents understand better. It also makes it easier for clinicians to read and comprehend the growth chart. Overall, this web application will help parents keep track of their child's well-being and has made it even easier for clinicians to assist and communicate with parent users in a simple and efficient manner.



ACKNOWLEDGEMENT

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