



**Knight Foundation
School of Computing
and Information Sciences**



Knight Foundation School of Computing and Information Sciences

Spring 2023 Capstone 2 Project

Baby Feed

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Parental Portal
Welcome to Parent Portal

Each tab has a different tool, please see the descriptions below

Log out

Questionnaire

Complete this questionnaire to learn if you are feeding your child the recommended amounts for each food group.



Recommendations

Click here to learn what are the recommended amounts of each food group that you should feed your baby every day.



Tracking

Complete this short form every week to monitor if you are feeding your child the recommended amounts for each food group.



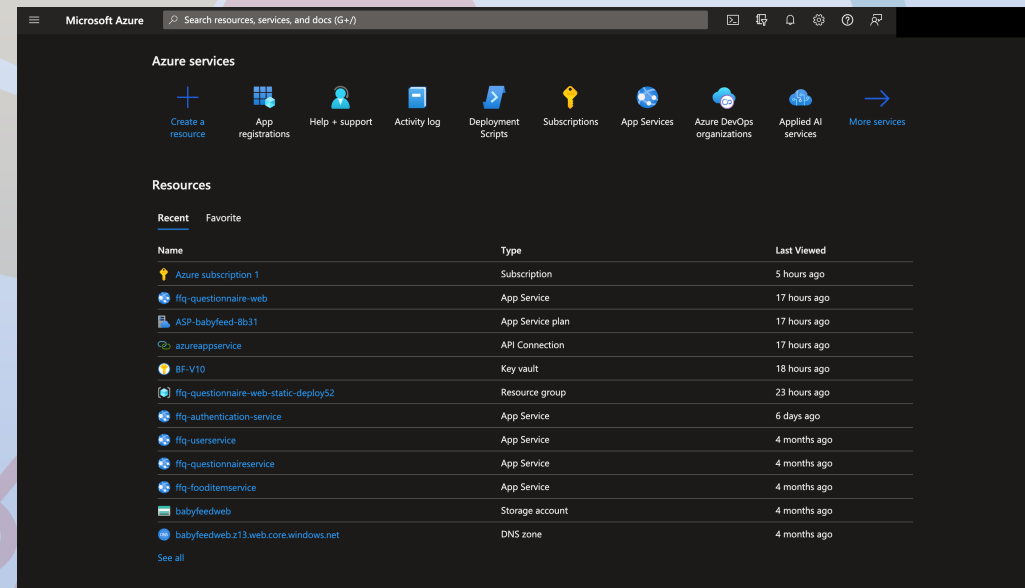
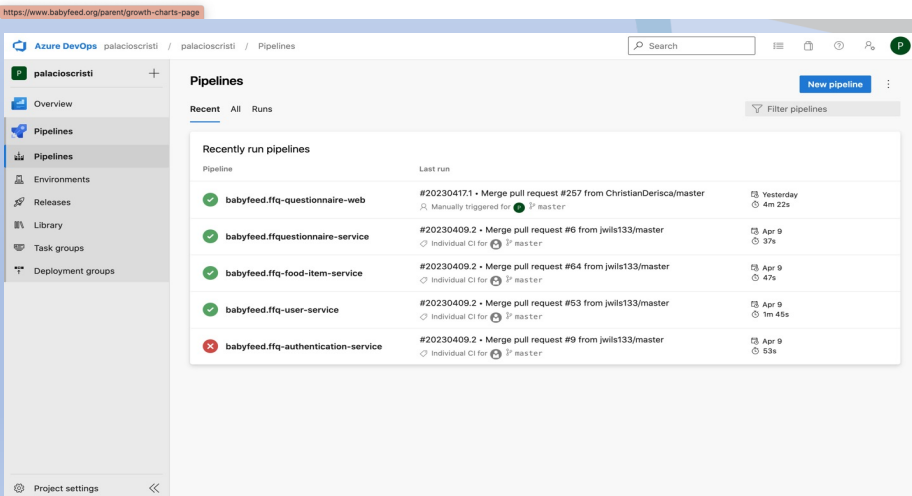
Growth Charts

Click here to input the weight and length of your child from the last visit to the pediatric office to monitor his/her growth.



Other

Click here to access other resources (videos and websites) with information related to feeding your child.



Problem:

Throughout this semester, our main focus has been on designing, implementing, and optimizing a graph and table to effectively display weight and length data for babies, and to interpret whether each baby falls within a healthy weight range. I was tasked to focus on the table and managing Microsoft Azure and Azure Dev Ops initiate deployments to production that the previous semester could not do. Our goal has been to create a user-friendly and informative tool that can help parents and caregivers monitor the growth and development of their babies and identify any potential concerns early on. This presentation will showcase our progress and discuss our solution's key features, benefits and some behind the scenes of Azure DevOps deployment system / pipelines.

Current System:

The BabyFeed Parental portal offers a chart feature that allows parents to input, plot, save, and download data. The chart feature is fully responsive across different-sized devices, and users can interact with various options. Additionally, all inputted data is validated to prevent errors, and the chart is updated in real-time as new data is added. Backend

Goals achieved :

1. Azure Dev Ops
 - Renew Token Keys
 - Fix Agent Code
 - Debugging Deployments
2. Successfully Push ffq-questionnaire web to deployment after several setbacks.
 - Resolved Error vs2017-2016
 - Secret ID expiration w/Azure CLI
3. Implement a landing page
 - implement a landing page where users can see all the tabs in Baby Feed after they log in
4. Push all changes to production.



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