

PKT Meal Equivalent

Senior Project

Fall 2021

- I. Overview
 - A. Team
 - 1. Leader – Fareed Khamitov
 - 2. Clinical Consultant – Renata Volonterio
 - 3. Computer Science Consultant – Adam Weizman
 - B. Need for PKT Meal Equivalent – The PKT diet prescription must be transformed into recipes maintaining a high level of precision that the family can prepare and administer daily.
 - C. Long-term Goals – Calculate meals that meet the person’s nutritional requirements, meet the person’s PKT requirements, and meet the person’s culinary expectations.
 - D. Fall 2021 Goals – Using a relational database in HiPerGator, create a tool that can be used quickly and accurately in the clinic to prepare recipes using the PKT diet prescription.
- II. Plan and Progress
 - A.