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| **CS102** | Spring 2022/2023 | Section No: | 2 |
| Instructor: | Aynur Dayanık |
| Assistant: | Vahid Namakshenas |

~ InsuChef~

Meal Magicians

Names of Group Members

Emine Fidan

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| Group/Project Selection  24 February 2023 |

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| Project Overview This application aims to help people with diabetes. The primary purpose of this app is to calculate the sufficient amount of insulin that a patient needs to take. In order to do that, we will take some information from the patient, such as age and body weight, and create a profile to keep this information. Other than that, users will choose what food they eat in each meal, and these food options will be retrieved from a database. The food that the patient commonly consumes will be more conveniently accessible to the user. Also, there will be a feature for adjusting the grams of food that is chosen. According to the total amount of carbohydrates and blood sugar that the patient measures and inputs, the app will make the calculations to decide the insulin dosage that is needed. This calculation will be done for each meal. We plan to design a more straightforward interface since diabetes is a disease that affects people of every age. |