The project will be a machine learning algorithm used in diagnosing patients based on their input. Prototypes will be constructed only using common diseases and symptoms and adding complexity. The service is needed to address the problem of misdiagnosis in the medical field, and provides an extra layer of comfort into the diagnosis process for the doctor. Misdiagnosis occurs too frequently, and often at the expense of the patient and their family. More recently, 23 percent of people surveyed in Massachusetts stated that they or someone close to them had experienced a medical error, and approximately half of these errors were diagnostic errors (Betsy Lehman Center for Patient Safety and Medical Error Reduction, 2014). This problem is multi-faceted and the entire process of diagnostics must be looked at without sacrificing another. The patient-center approach adds an extra layer of complexity, as not only does the diagnosis have to be correct, it must be found quickly, as such this project will only look at aiding to determine the illness.