

PROJECT DESIGN PHASE – II

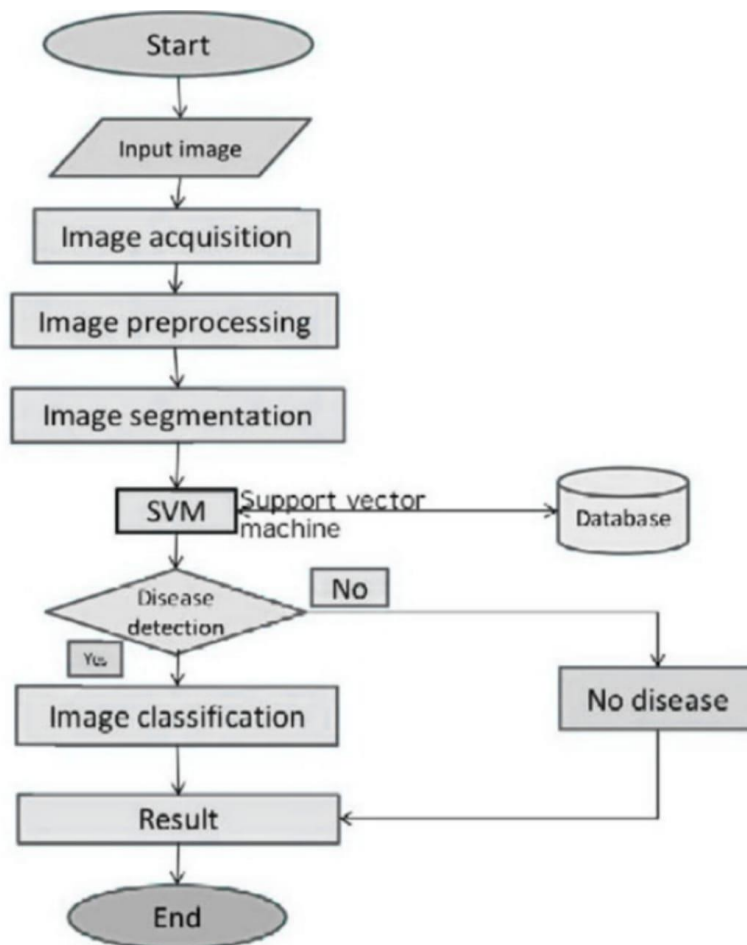
DATAFLOW DIAGRAMS & USER STORIES

Date	16 October 2022
Project Id	PNT2022TMID21496
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts

Data flow diagram:

It's easy to understand the flow of data through systems with the right data flow diagram software. This guide provides everything you need to know about data flow diagrams, including definitions, history, and symbols and notations. You'll learn the different levels of a DFD, the difference between a logical and a physical DFD and tips for making a DFD.

Data flow Diagrams :



User stories:

Using AI and image classification technology to identify the food correctly and accurately and also calculated the amount the calories just from the picture. Their proprietary API, called Food AI API has been trained to identify cuisines from across the world, thus making it the most culturally diverse food identification system in the world. Further, by connecting the API with diverse data sets, the food which is automatically recognised by the platform is paired with detailed nutrition information.

Using AI to identify the amount of food that are present and approximating the calorie values that are to be consumed by the user