

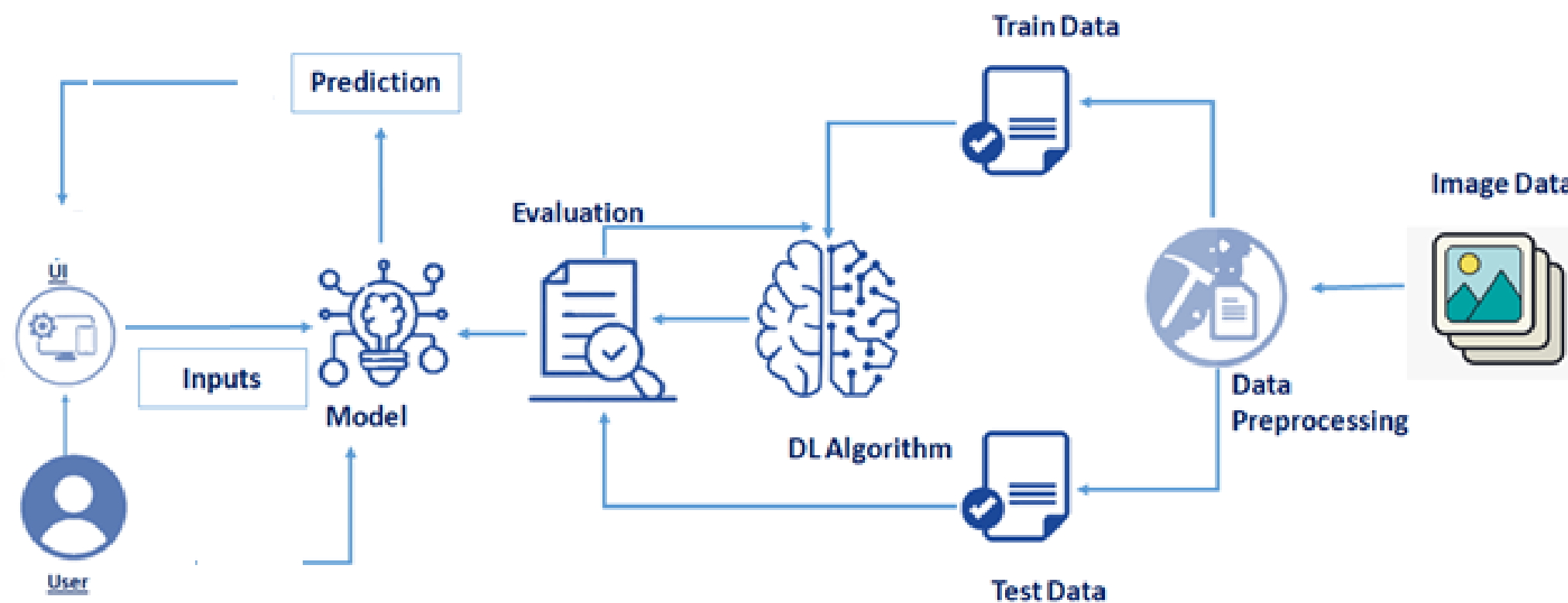
AI-powered Nutrition Analyzer for Fitness Enthusiasts

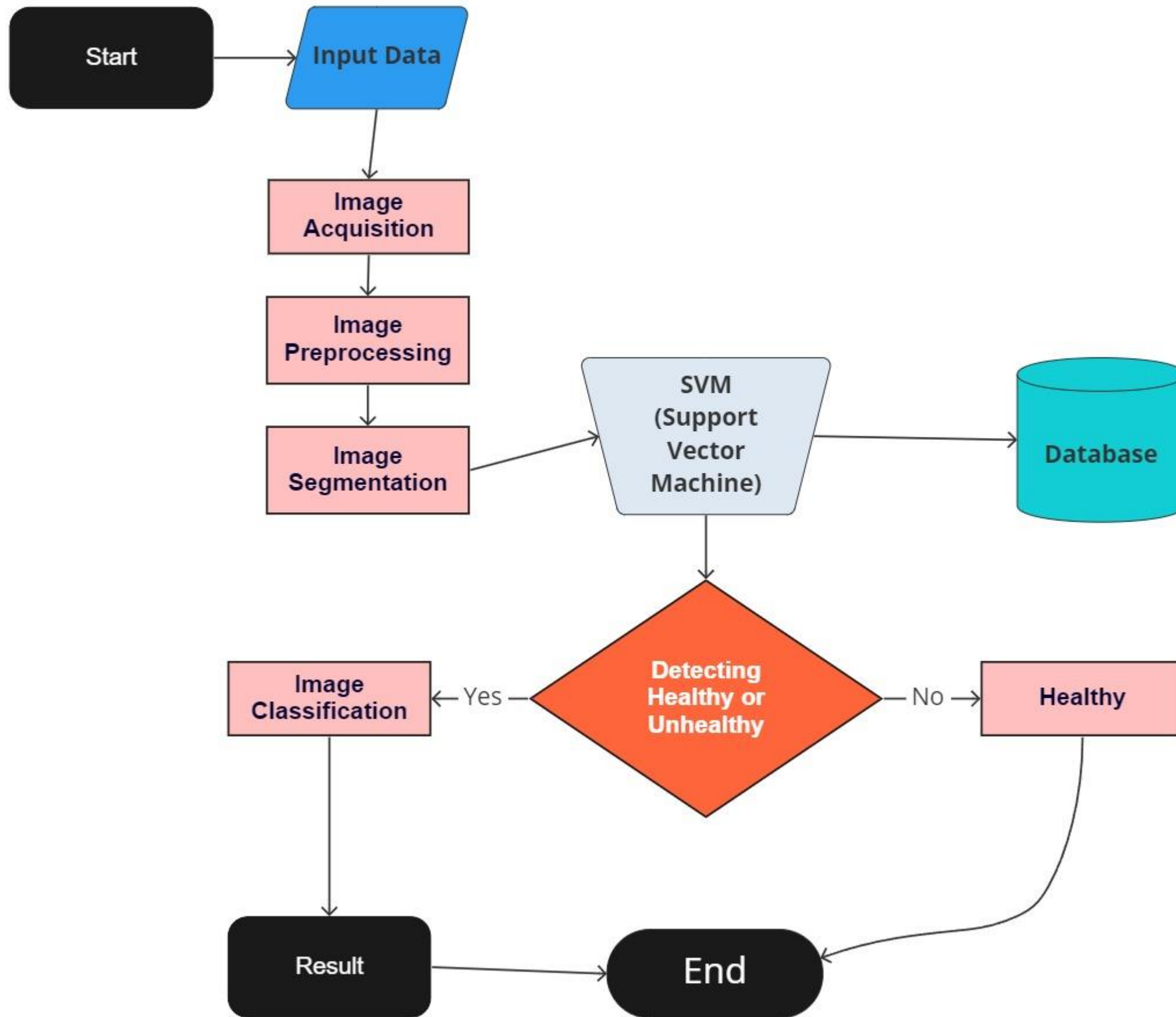
Data Flow Diagram & User Stories

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|---------------|---|
| Date | 28 October 2022 |
| Team ID | PNT2022TMID46130 |
| Project Name | AI-powered Nutrition Analyzer for Fitness Enthusiasts |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.





User Stories:

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|-------------------------|-------------------------------|-------------------|---|--|----------|----------|
| Customer (Web user) | Registration | USN-10 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
| | | USN-11 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |
| | | USN-12 | As a user, I can register for the application through Face book | I can register & access the dashboard with Face book Login | Low | Sprint-3 |
| | | USN-13 | As a user, I can register for the application through Gmail | I can register and access the dashboard with Gmail login | Medium | Sprint-1 |
| | Login | USN-11 | As a user, I can log into the application by entering email & password | I can register and access the dashboard with email and password | High | Sprint-1 |
| | Nutrition Analyzer | USN-15 | As a user, I can view the nutrition level of the fruit by scanning the fruit | I can view the nutrition level of the fruit by scanning the fruit | High | Sprint-2 |
| | | USN-16 | As a user, I can able to calculate the nutritional value of the different fruits at the same time | I can able to calculate the nutritional value of the different fruits at the same time | High | Sprint-2 |
| | | USN-17 | As a user, I can able to view fruits (input data) details by related web site | I can able to view fruits (input data) details by related web site | Medium | Sprint-3 |
| Customer Care Executive | Customer Support | USN-18 | As a customer care executive, I can view the complaints on chat box | I can view the complaints on chat box | Medium | Sprint-4 |
| | | USN-19 | As a customer, I should be able solve and reply for the customers queries | I can reply to customer queries in the chat thread | Low | Sprint-4 |

| | | | | | | |
|---------------|--|--------|--|--|------|----------|
| | | USN-20 | | I can close the complaint after assisting | Low | Sprint-4 |
| Administrator | | USN-21 | As a Administrator, I would take care of registrations and maintenance of accounts | I can take care of registrations and maintenance of accounts | High | Sprint-3 |
| | | USN-22 | As a Administrator, I Would resolve issues on Access | I can resolve issues in Access | High | Sprint-2 |