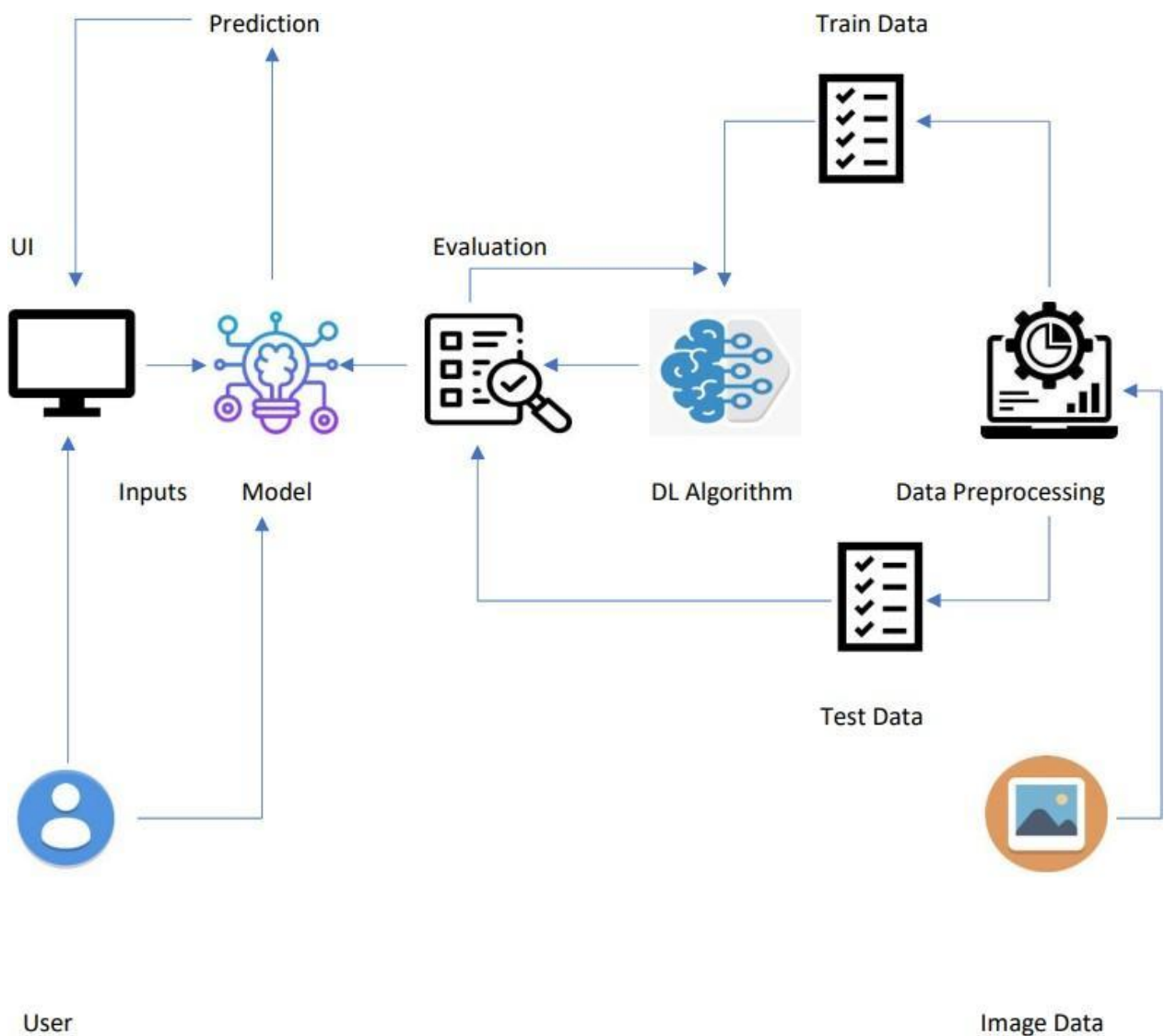


Project design phase -I
Solution fit document and solution architecture

| | |
|---------------------|---|
| Date | 26 September 2022 |
| Team ID | PNT2022TMID42577 |
| Project Name | AI-powered Nutrition Analyzer for Fitness Enthusiasts |

SOLUTION ARCHITECTURE:



SOLUTION FIT DOCUMENT:

| | | | | |
|-------------------------|---|--|---|---------------------------|
| Define CS, fit into CC | 1. CUSTOMER SEGMENT(S) CS <ul style="list-style-type: none"> Healthy Eaters Sports Persons Senior Citizens | 6. CUSTOMER CONSTRAINTS CC <ul style="list-style-type: none"> Internet Facility Spending Time | 5. AVAILABLE SOLUTIONS AS <p>To detect the nutrition based on fruits like Sugar, Fibre, Protein, Calories, etc. to make the users conscious about their foods.</p> | Explore AS, differentiate |
| | 2. JOBS-TO-BE-DONE / PROBLEMS J&P <ul style="list-style-type: none"> Incorrect Details Low quality image leads to wrong prediction of nutrients | 9. PROBLEM ROOT CAUSE RC <ul style="list-style-type: none"> Busy Schedule Laziness | 7. BEHAVIOUR BE <ul style="list-style-type: none"> Consulting Doctors Maintaining their own diet | |
| Focus on J&P, fit into | | | | Focus on J&P, fit into |
| | | | | |
| Identify TR & strong EM | 3. TRIGGERS TR <p>Through advertisements, neighbors or through social media</p> | 10. YOUR SOLUTION <p>To track the health care plan of an individual. To track the calories in the food by uploading images. To suggest food based on their health conditions.</p> | 8. CHANNELS OF BEHAVIOUR <p>ONLINE:</p> <ul style="list-style-type: none"> Through Social Media Channel Advertisements <p>OFFLINE:</p> <ul style="list-style-type: none"> Suggests neighbors Through pamphlets | Identify TR & strong EM |
| | 4. EMOTIONS: BEFORE / AFTER <p>Before: Unhealthy, Confused After: Healthy, Confident</p> | | | |