**Project Design Phase-I**

**Solution Architecture**

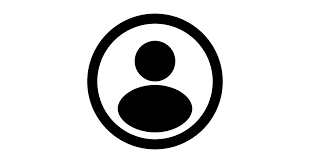
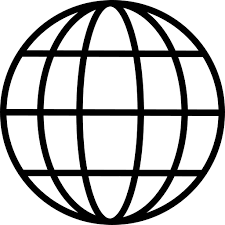
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| --- | --- |
| Date | 12 October 2022 |
| Team ID | PNT2022TMID51066 |
| Project Name | AI-powered Nutrition Analyzer for Fitness Enthusiasts |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

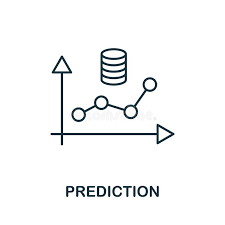
* Find the best tech solution to solve existing business problems.
* Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
* Define features, development phases, and solution requirements.
* Provide specifications according to which the solution is defined, managed, and delivered.

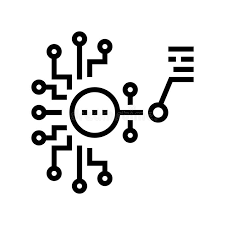
**Solution Architecture Diagram:**

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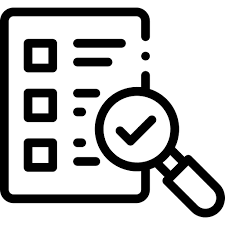
SystemA

User

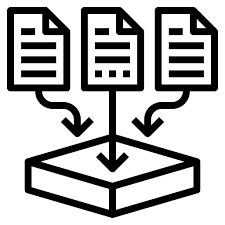
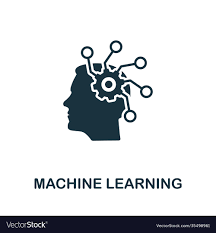
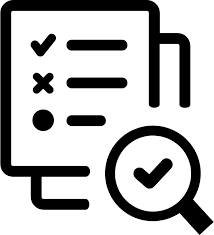
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Model

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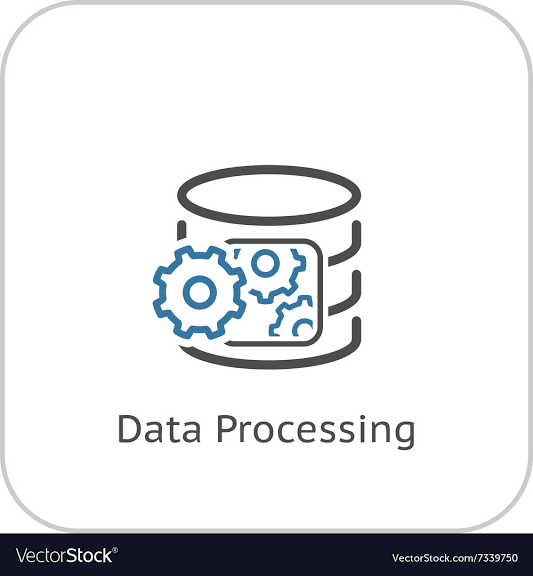
Evaluation

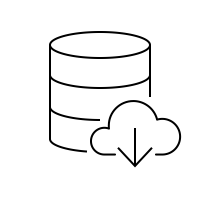
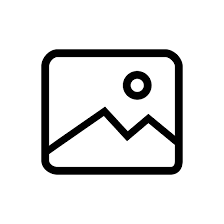
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Test data

Train Data

Machine Learning

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Data

Image