**Project Design Phase**

**Proposed Solution**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID32546 |
| Project Name | Smart Sorting: Transfer Learning For Identifying Rotten Fruits and Vegetables |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Manual inspection of fruits and vegetable in large industry is time taking and requires large labour to check. |
|  | Idea / Solution description | Developing an AI model that can detech weather the fruits and vegetables are spoil or not |
|  | Novelty / Uniqueness | 1.Image based freshness detection  2.Integrate with real time interface using flask |
|  | Social Impact / Customer Satisfaction | Helpful for consumers, vendors etc. |
|  | Business Model (Revenue Model) |  |
|  | Scalability of the Solution | Since model training , deployement separately we can replace the components independently |