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| TEAM ID | PNT2022TMID19749 |
| PROJECT NAME | AI Powered Nutrition Analyser for Fitness Enthusiasts |

1. **Assignments:**
   1. Team Lead: Senthilsriram K
   2. Team member 1: Anila A
   3. Team member 2: Katappagari Ramya
   4. Team member 3: Vigneshwaran K
2. **Image Processing**
   1. Import the Image Data Generator Library
   2. Configure Image Data Generator Class
   3. Apply Image Data Generator Functionality to Trainset and Test set
3. **Model Building**
   1. Import the Model Building Libraries
   2. Initializing the model
   3. Adding CNN Layers
   4. Adding Dense Layers
   5. Configure the learning Process
   6. Train the model
   7. Save the model
   8. Test the model
4. **Application Model**
   1. Create HTML Pages
   2. Build Python Code
   3. Creating our flask Application and Loading our model by using Load\_model method
   4. Routing to the HTML page
   5. Run the application
5. **Train the Model on IBM**
   1. Register for IBM Cloud
   2. Train Model on IBM
6. **Project design and planning**
7. ***Ideation Phase***
   * 1. Brainstorm and ideation
     2. Empathy map
     3. Literature Survey
8. ***Project Phase 1***
   * 1. Problem solution fit
     2. Proposed solution
     3. Solution Architecture
9. ***Project Phase 2***
   * 1. Customer Journey
     2. Data Flow Diagrams and User Stories
     3. Solution Requirements
     4. Technology Stack
10. ***Project Planning***
    * 1. Milestone and Activity List
      2. Sprint Delivery Plan
11. **Project Development Phase**
    1. Sprint 1
    2. Sprint 2
    3. Sprint 3
    4. Sprint 4