**Project Initialization and Planning Phase**

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| Date | 15 JULY 2024 |
| Team ID | 740068 |
| Project Name | **Detection Of Autistic Spectrum Disorder: Classification** |
| Maximum Marks | 3 Marks |

**Define Problem Statements (Autistic Spectrum Problem Statement Template):**

Here is a problem statement template for Autistic Spectrum Disorder (ASD) detection and classification:

**Problem Statement:**

Title: Accurate Detection and Classification of Autistic Spectrum Disorder (ASD)

**Description:**

- Develop a machine learning model that can accurately detect and classify ASD in individuals based on [insert data sources, e.g., clinical features, behavioral observations, neuroimaging results, etc.].

- Improve the accuracy of ASD diagnosis and classification to enable timely and effective interventions.

**Goals:**

- Achieve [insert target accuracy or performance metric] in detecting ASD.

- Classify ASD into [insert classification categories, e.g., mild, moderate, severe].

**Data:**

- [Insert data sources, e.g., clinical datasets, neuroimaging datasets, etc.].

- [Insert data preprocessing and feature extraction methods].

**Evaluation Metrics:**

- [Insert evaluation metrics, e.g., accuracy, precision, recall, F1-score, etc.].

Success Criteria:

- [Insert success criteria, e.g., achieving target accuracy, outperforming baseline models, etc.].

This template provides a starting point for defining the problem and goals of ASD detection and classification. Please modify it according to your specific needs and requirements.