

# **Project Proposal**

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## **1 Introduction**

- Brief introduction to the AI problem chosen
- Real-world application of the problem
- Importance of the problem
- Goals and objectives of the project

## **2 Problem Description**

- Detailed description of the problem
- Information about the dataset to be used
- Type of AI and machine learning algorithms planned for implementation
- Specific tasks to be performed (e.g., classification, clustering, regression)

## **3 Related Course Topics**

- List of course topics related to the project
- Explanation of how these topics will be applied in the project

## **4 Expected Behaviors**

- Description of the expected behaviors of the system
- Types of problems the algorithms are intended to handle

## **5 Focus Issues**

- Discussion of the issues expected to be focused on during the project
- Challenges anticipated
- Aspects of the problem that require special attention
- Areas where significant progress is expected

## **6 Resources**

- List of papers, articles, or other resources to be used for the project
- These resources will form the core of the project report reference list

## **7 Team Member Contributions**

- List of each project participant
- Detailed contributions of each participant to the project