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# **GENERAL INFO**

## The purpose behind the project:

## General requirements:

# **PROJECT INFO**

Title:

Domain/Area:

Objective:

Deadline: Thursday 08/22/24

Requirements:

Definition of Done:

# **ABOUT THE PROJECT**

The 4 models:

* Data Cleanup and Processing
* K-Means:
* Logistic Regression
* NN
  + Convolutional

# **GENERAL TASK DISTRIBUTION**

## Subject Research:

Description:

Tentative due date:

General assignee(s):

## Data Collection:

Description:

Tentative due date:

General assignee(s):

## Data Processing:

Description:

Tentative due date:

General assignee(s):

## ML Model Design ():

Description:

Tentative due date:

General assignee(s):

## ML Training & Evaluation ():

Description:

Tentative due date:

General assignee(s):

## ML Refining & Enhancement: ()

Description:

Tentative due date:

General assignee(s):

## Reports:

Description:

Tentative due date:

General assignee(s):

# **PROJECT OPTIONS/IDEAS**

1. Phase 1:
   1. Data Prep (Abhishek, Saniya)
   2. Building all models (no training)(Daniel, Roupeng, Baker)
   3. Report Background and intro (Abhishek, Saniya)
2. Phase 2:
   1. Train and evaluate the models in parallel (Daniel, Roupeng, Baker)
   2. Comparison study (Abhishek, Saniya))
   3. Discuss performance and plan enhancements
3. Phase 3:
   1. Enhance models (Daniel, Roupeng, Baker)
   2. Start the report (Abhishek, Saniya))
4. Phase 4:
   1. Report completion
   2. Code review and accuracy