Project Initialization and Planning Phase

Date	10 July 2024
Team ID	739726
Project Name	Rising Waters: Machine Learning Approach To Flood Prediction
Maximum Marks	3 Marks

Define Problem Statements :

Timely prediction of rising water levels is crucial for effective flood management and prevention of damages. Machine learning can aid in this by analyzing environmental data to predict the likelihood of flooding. This can include weather patterns, river water levels, soil moisture, and other relevant factors. By identifying high-risk areas early, emergency services can implement preventive measures and respond more effectively, thereby reducing the impact of floods on communities.

Problem Statement (PS)	I am	I'm trying to	But	By using	Which makes me feel
PS-1	Emergency services	Identify the risk of rising water levels	-	By machine learning	-
PS-2	Local government	Detect potential flooding events in early stages	-	By machine learning	-
PS-3	Urban planner	Personalize flood prevention strategies for high-risk areas	-	By machine learning	-