

Project Initialization and Planning Phase

Date	15 March 2024
Team ID	739741
Project Title	Unveiling Climate Change Dynamics Through Earth Surface Temperature Analysis
Maximum Marks	3 Marks

Project Proposal (Proposed Solution) template

This project proposal outlines a solution to address a specific problem. With a clear objective, defined scope, and a concise problem statement, the proposed solution details the approach, key features, and resource requirements, including hardware, software, and personnel.

Project Overview	
Objective	Clearly state the project's primary objective
Scope	Define the boundaries and extent of the project
Problem Statement	
Description	Clearly articulate the problem to be addressed
Impact	Explain the implications of solving the problem
Proposed Solution	
Approach	Outline the methodology and techniques to be used
Key Features	Highlight the unique aspects of the proposed solution

Resource Requirements

Resource Type	Description	Specification/Allocation
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Hardware		
Computing Resources	CPU/GPU specifications, number of cores	2 x NVIDIA V100 GPUs
Memory	RAM specifications	8 GB
Storage	Disk space for data, models, and logs	512 TB SSD
Software		
Frameworks	Python frameworks	Flask
Libraries	Additional libraries	tensorflow
Development Environment	IDE, version control	Colab, VS - Code, Git
Data		
Data	Source, size, format	Data world , 5 datasets