

Project Initialization and Planning Phase

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| Date | 15 March 2024 |
| Team ID | 739984 |
| Project Title | AI-Generated vs. Real Image Classifier Using Deep Learning. |
| 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.

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|--------------------------|---|
| 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 |
|-----------------|-------------|--------------------------|
| 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 | Jupyter Notebook, Git |
| Data | | |
| Data | Source, size, format | Kaggle dataset, 10,000 images |