-project objective

To develop a website utilizing machine learning and data processing techniques to detect images and texts generated by AI, aiming to:

-Identify AI-Generated Content: Distinguish images and texts generated by AI models, such as those produced by neural networks.

-Differentiate Human-Created Content from AI: Differentiate natural human-generated content from AI-generated content to verify credibility and authenticity.

-Provide a User-Friendly Interface: Offer an intuitive user interface for users to upload images and texts for analysis, presenting analysis results in an easily understandable format.

-Develop Machine Learning Models: Construct accurate and efficient machine learning models capable of identifying and categorizing suspicious images and texts.

-stakeholder list

-User: who uses this website to detect images and texts generated by AI

-Admin: who manage user account and profile

-proposed scope

1. Key Features:

-AI-Generated Image Detection: Identifying images created by AI and distinguishing them from human-created images.

-AI-Generated Text Detection: Identifying text generated by AI and discerning it from human-generated text.

2. Core Requirements:

-Machine Learning Model Development: Building ML models capable of differentiating AI-generated images and texts from human-created ones.

-Data Collection and Categorization: Gathering a substantial dataset with examples of AI-generated and human-generated images and texts for model training.

-User Interface Development: Creating a user-friendly interface for users to upload images or texts for analysis.

3. Scope Exclusions:

-Privacy and Security Measures: Ensuring user data remains secure and doesn’t violate privacy standards.

-Technical Challenges: Addressing difficulties in detecting advanced, hidden AI techniques.

4.Project Constraints:

-Time Limitations: Fixed deadlines or timeframes for project completion that might affect the depth of development or testing phases.

-Resource Constraints: Limited budget for acquiring necessary tools or technologies, or constraints on available workforce.

-Technological Limitations: Mandated use of specific programming languages, frameworks, or restrictions on employing certain AI models due to compatibility issues.

-Regulatory Compliance: Adherence to data protection laws, privacy regulations, or ethical guidelines governing the use of AI-generated content.

-Scope Creep Management: Ensuring the project remains focused on its defined objectives without expanding beyond the established scope.