Project Initialization and Planning Phase

Date	02 June 2024
Team ID	740297
Project Title	World happiness report
Maximum Marks	3 Marks

Project Proposal (Proposed Solution) template

1. Executive Summary

Development of a community well-being index to improve the World Happiness Report.

2. Introduction

- **Background:** Enhancing the World Happiness Report with new metrics.
- **Problem Statement:** Current metrics lack social and environmental factors.
- **Objectives:** Create an index with social and environmental indicators.

3. Proposed Solution

- **Solution Overview:** New index combining traditional and new metrics.
- **Methodology:** Literature review, surveys, focus groups, analysis.
- **Implementation Plan:**
    - Phase 1: Research (Months 1-3)
    - Phase 2: Data Collection (Months 4-6)
    - Phase 3: Analysis (Months 7-9)
    - Phase 4: Pilot Testing (Months 10-12)

4. Impact and Benefits

- **Expected Outcomes:** Comprehensive well-being index.
- **Benefits:** Better understanding of well-being and improved policies.

5. Stakeholders

- **Key Stakeholders:** Researchers, policymakers, community leaders.

- **Engagement Plan:** Meetings, reports, workshops.

6. Resources and Budget

- **Resources Required:** Research team, survey tools, software.
- **Budget Estimate:** $150,000.

7. Risk Management

- **Potential Risks:** Data collection and engagement issues.
- **Mitigation Strategies:** Robust planning, contingency budgets.

8. Monitoring and Evaluation

- **Evaluation Metrics:** Index accuracy, stakeholder satisfaction.
- **Monitoring Plan:** Quarterly reviews, feedback sessions.

9. Conclusion

A novel well-being index to enhance the World Happiness Report.

Project Overview	
Objective	Create an index integrating traditional happiness metrics with new social and environmental indicators.
Scope	**Included:** Research, data collection, index development, pilot testing. **Excluded:** Full-scale global implementation.
Problem Statement	
Description	**Proposed Solution:** Develop a new index combining existing and new metrics. **Methodology:** Literature review, expert consultations, surveys, data analysis.

Impact	More comprehensive happiness measurements, better policy tools.
Proposed Solution	
Approach	Conduct a thorough literature review on existing happiness and well-being metrics.
Key Features	**Social Cohesion:** Measures such as community support, social trust, and participation in communal activities.

Resource Requirements

Resource Type	Description	Specification/Allocation
Hardware		
Computing Resources	CPU/GPU specifications, number of cores	e.g., 2 x NVIDIA V100 GPUs
Memory	RAM specifications	e.g., 8 GB
Storage	Disk space for data, models, and logs	e.g., 1 TB SSD
Software		
Frameworks	Python frameworks	e.g., Flask
Libraries	Additional libraries	e.g., tensorflow
Development Environment	IDE, version control	e.g., Jupyter Notebook, Git
Data		
Data	Source, size, format	e.g., Kaggle dataset, 10,000 images