

**Project Initialization and Planning Phase**

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| Date | 02 June 2024 |
| Team ID | 740065 |
| 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.

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| **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. |



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| 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

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| **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 |