**Title: Improving Hospital Patient Case Management Using Trello: A Data-Driven Approach to Task Management and Change Request Handling**

Clearly mention the topic title at the beginning.

If choosing a topic, approval from the instructor is required.

Abstract (250 words)

A brief summary of the research, highlighting:

Problem statement

Methodology used

Key findings

Conclusions

Should be concise yet informative.

Use past tense (as the research is already completed).

Keywords (4-6 words)

List key terms relevant to the research topic.

Helps in indexing and searchability.

Introduction (900 words)

Define the research problem and its significance.

Explain the motivation behind the research.

Clearly state the research objectives.

Provide a brief background on the topic.

Literature Survey (900 words)

Summarize previous research studies relevant to the topic.

Highlight gaps in existing research and justify the need for your study.

Cite research papers, journals, and books using IEEE citation format.

Methodology (700 words)

Describe the research approach used (experimental, analytical, simulation, etc.).

Explain data collection methods, tools, and technologies used.

Provide sufficient details for reproducibility.

Working Principle (700 words)

Explain the technical aspects of the study.

Provide equations, algorithms, or theoretical frameworks if applicable.

Results and Discussion (800 words)

Present findings using graphs, tables, and figures.

Provide statistical analysis where applicable.

Compare results with existing research findings.

Inference: Below every figure or table, provide a short explanation of how the results are obtained.

Example Figure/Table Inference:

"Figure 3 shows the variation of temperature with time. The increase in temperature indicates the efficiency of the proposed model in reducing heat loss by 20% compared to the existing method."

Discuss challenges faced and their impact on the study.

Conclusion (200 words)

Summarize key findings and their implications.

Restate how the objectives were met.

Avoid introducing new information.

Future Scope (200 words)

Suggest areas for further research.

Discuss potential improvements and real-world applications.

References (As needed, IEEE Format)

Cite all sources used in the research.

Follow the IEEE referencing format precisely.

Example citation in IEEE format:

[1] J. Doe and A. Smith, "IoT-Based Smart Agriculture System," IEEE Internet of Things Journal, vol. 5, no. 3, pp. 1204-1215, June 2023.

Biography (Optional, 100-150 words)

Short author biography including academic background and research interests.