**ABSTRACT**

The evolution of the design process has been a subject of interest due to its impact on the role of designers, the tools they use, and the overall design outcomes. This paper investigates the evolution of the design process, focusing on the shift from segmented specialties to a more holistic approach, as well as the emergence of the evolutionary design process model (EDPM). The objectives include understanding the methods and methodologies employed in the design process, analyzing the obtained results, and drawing conclusions for future work. The findings aim to benefit designers, design teams, and organizations seeking to enhance their design processes.

**INTRODUCTION**

**MOTIVATION**

The investigation into the evolution of the design process is motivated by the significant changes observed in the nature of a designer's role and the tools used in the design process. As the design process has become less segmented, with specialties merging into a more holistic approach, it is essential to understand the implications of these changes on the design industry.

**PROBLEM STATEMENT**

This paper aims to investigate the evolution of the design process, including the shift from segmented specialties to a more holistic approach, and the emergence of the evolutionary design process model (EDPM).

**OBJECTIVES**

The objectives of this investigation are to:

- Understand the methods and methodologies employed in the design process.

- Analyze the obtained results under different conditions and constraints.

- Assess the quality of the design process and its applicability in real-world scenarios.

**BACKGROUND MATERIAL**

**EVOLUTION OF DESIGN PROCESS**

The design process has evolved significantly, with designers specializing in different aspects of the process, such as wireframing, prototyping, and visual design, which have now merged into a more holistic approach[1]. The tools used in the design process have also evolved to accommodate this shift, leading to the re-imagination of design tools for the modern designer[1].

**METHODS & METHODOLOGY**

**APPROACH TO THE PROBLEM**

The investigation into the evolution of the design process involved a comprehensive review of literature, including scholarly articles, industry publications, and case studies. The analysis focused on identifying key trends and shifts in the design process, as well as the methodologies employed in the evolutionary design process model.

**TECHNIQUES USED IN ANALYSIS OF RESULTS**

The analysis of results involved identifying common themes and patterns in the evolution of the design process, as well as evaluating the applicability of the evolutionary design process model in different design scenarios.

**RESULTS OBTAINED**

**UNDER WHAT CONDITIONS**

The evolution of the design process was observed under various conditions, including changes in technology, industry demands, and the nature of design roles.

**CONSTRAINTS**

Constraints in the design process were identified, including the need for alignment on goals, methodical approach, and thoughtful attention to ensure the enactment of great process[4].

**CONCLUSIONS AND FUTURE WORKS**

**CONCLUSION**

In conclusion, the investigation into the evolution of the design process has revealed significant shifts in the nature of a designer's role, the tools used, and the overall design outcomes. The findings emphasize the importance of continuous evolution and refinement of the design process to ensure its effectiveness.