**Literature Survey**

**Literature Survey 1:**

**Title:** Artificial Intelligence in Healthcare: Transformative Applications and Future Prospects

**Author:** Gupta, S., Sharma, A., & Kapoor, R.

**Year:** 2022

**Aim/Objective:**

To comprehensively review the applications of Artificial Intelligence (AI) in healthcare, exploring its transformative impact on diagnostics, treatment planning, and patient care, with a focus on potential advancements in medical record management.

**Methodology:**

Objective Definition, search Strategy, Date Collection, Critical, Appraisal.

**Gaps/Findings:**

The primary objectives of this project are to improve diagnostic accuracy and address regulatory compliance, chatbots and virtual assistants, natural language processing (NLP) and predictive analytics, personal treatment plans, ethical considerations, and virtual assistants. However, shortcomings are noted, including a lack of a long-term assessment, difficulties with integration, and inconsistent user experience and acceptance.

**Literature Survey 2:**

**Title:**

Internet of Things (IoT) in Healthcare: Enabling Smart Patient Monitoring and Enhanced Treatment

**Author:** Lee, J., Kim, M., & Park, H.

**Year:** 2023

**Aim/Objective:**

To explore the applications of the Internet of Things (IoT) in healthcare, focusing on its role in smart patient monitoring, data-driven treatment enhancement, and potential contributions to evolving healthcare ecosystems.

**Methodology:**

Define research Questions/Objectives, Search Strategy, Inclusive and exclusive Data Collection, Data Synthesis, Critical Appraisal.

**Gaps/Findings:**

This study was conducted for Future Treads and Innovations, Telemedicine and Remote Care, Connected Healthcare Ecosystem, and IOT-based smart patient monitoring. A number of the regulatory frameworks, long-term impact assessments, and interoperability issues are yet unimplemented.