**Title of the Project :** AI-Powered Autofill Patient Discharge

System.

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**ABSTRACT**

The AI-Powered Autofill Patient Discharge System is designed to streamline the process of generating patient discharge summaries in hospitals by integrating artificial intelligence and natural language processing. The system automatically collects and organizes patient information, including diagnosis, lab results, medications, and treatment history, to generate a preliminary discharge summary. Doctors can verify their credentials to access the system, review the AI-generated summary, and make necessary edits to ensure accuracy. The system also includes visualization modules to present patient recovery graphs, medication plans, and diet recommendations, enhancing post-discharge care. Multilingual support ensures the summary is accessible in different languages, improving communication with patients. By automating the discharge process while maintaining human oversight, this system reduces administrative workload, minimizes errors, and accelerates patient care, contributing to an efficient and safer healthcare environment.