

Building an AI chatbot application to support maternal care consultation.

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Abstract: This topic focuses on building an AI-based chatbot system to provide consultation and maternity care services for pregnant women. In the current context, the demand for information support from medical experts is increasing, especially in the field of maternal and infant healthcare. The objective of this topic is to develop an AI chatbot capable of automatically answering frequently asked questions about pregnancy and providing accurate advice based on scientific data. The research methodology combines AI theory, natural language processing (NLP), and experimental deployment of the application in a real-world environment. The expected outcome is a system that can enhance the quality of maternity care services while reducing the workload for medical staff.

Keywords: AI chatbot, maternity care consultation, artificial intelligence (AI), natural language processing (NLP)