

Title: A Conversational Chatbot Architecture for eHealth Systems

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This project is about the architecture and design of the core backend of a conversational agent for eHealth applications. It is part of a larger team effort aiming at the delivery of a complete user-facing application, specifically modelled after Macmillan's eHNA system for cancer patients in the UK.

It involved research in open source chatbot technologies, and related NLP tasks such as text categorization, as well as the design, testing and basic implementation of the system. The development was carried out in weekly iterations in continuous consultation with a client for the University College London Hospital.

The project delivered an extensible implementation in the form of a software package meant for use with an external system of delivery to the user (a webserver in the final product of the team effort).