**MENTAL HEALTH CHATBOT WITH ONLINE**

**THERAPIST BOOKING**

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**Abstract:**

This project aims to create an AI-driven mental health chatbot that offers empathetic dialogue and a direct booking option for users with a therapist through DocVita. The chatbot uses Natural Language Processing (NLP) to scan user emotions and respond accordingly. The system maintains privacy, accessibility, and smooth user interaction without retaining personal information**.**

**Individual contribution and findings:**

My key contribution was comparing existing mental health chatbots with our solution, Sereni. I evaluated platforms like Woebot, Wysa, and Replika based on response empathy, sentiment accuracy, personalization, and therapist integration.

This analysis highlighted Sereni's strengths, especially in emotion-based responses and seamless therapist booking via DocVita. The findings helped shape our final feature set and showcase the chatbot’s unique value.

**Individual contribution to project report preparation:**

I was responsible for drafting Chapter 5 and Chapter 6 of the project report, which covered Standards Adopted and Conclusion and Future Scope. I ensured that relevant technical and ethical standards were properly documented and aligned with industry practices. Additionally, I summarized key outcomes of the project and proposed possible future enhancements to improve the chatbot’s performance and scalability.

**Individual contribution for project presentation and demonstration:**

I contributed to the project presentation by preparing and presenting the comparative analysis between Sereni and existing mental health chatbots. During the demonstration, I explained how our chatbot stands out in terms of sentiment detection, empathetic responses, and therapist integration, highlighting its practical advantages and user-focused design.

Full Signature of Supervisor: Full signature of the student:

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