

Component Checklist

Main topic Checklist	Subtopics Checklist	Implemented / Not
Purpose and Use Case Definition:		
	Clearly define the purpose of the chatbot.	Implemented
	Identify the specific use cases and scenarios the chatbot will handle.	Implemented
Platform Selection:		
	Decide where the chatbot will be deployed (website, messaging apps, mobile apps, etc.).	Implemented
	Choose a platform or framework suitable for deployment (e.g., Facebook Messenger, Slack, Discord, etc.).	Implemented
Natural Language Understanding (NLU):		
	NLU tools to comprehend and extract intent, entities, and context from user input.	Implemented
	Choose or develop NLU models (e.g., using tools like Dialogflow, Rasa, or custom implementations).	Implemented
Dialog Management:		
	Create a dialogue flow for conversational interactions.	Implemented
	Design conversation paths, responses, and fallback mechanisms.	Implemented
	Implement dialog management using a state or flow-based system.	Implemented
Integrations and APIs:		
	Integrate with external systems and APIs to fetch data or perform actions.	Implemented
	Ensure seamless connections to databases, CRM systems, payment gateways, etc.	Implemented
Bot Personality and Tone:		
	Define the bot's personality, tone, and style of communication.	Implemented
	Ensure consistency in language and branding across conversations.	Implemented

Multi-turn Conversations:		
	Handle multi-turn conversations and maintain context across interactions.	Implemented
	Implement logic to remember user inputs and conversation history.	Implemented
Testing and Validation:		
	Test the chatbot thoroughly to identify and fix issues.	Implemented
	Conduct user testing and gather feedback for improvements.	Implemented
Analytics and Monitoring:		
	Implement analytics to track user interactions, user satisfaction, and bot performance.	Implemented
	Monitor the chatbot's performance and usage metrics regularly.	Implemented
Security and Privacy:		
	Ensure data security and privacy compliance.	Implemented
	Implement encryption, access controls, and regular security audits.	Implemented
Continuous Improvement:		Implemented
	Plan for ongoing maintenance, updates, and enhancements based on user feedback and performance metrics.	Implemented
	Continuously train and improve the chatbot's models for better accuracy.	Implemented
Documentation and Support:		
	Create documentation for developers and users.	Implemented
	Provide support channels for users encountering issues or needing assistance	Implemented