



“Building chatbot”

Task - 1



Your Project Name

Wireless Sound Control

LMS Username	Name	Batch
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Task - 1

Creation of SRS & Github

- Create SRS : “Your Project”
- Creation & Set-up of Github account
- Creation & Hands-on to various commands of Git Bash

Evaluation Metric:

- 100% Completion of the above tasks

Learning Outcome

- Get to know about different lifecycle models.
- Understanding importance and how to create an SRS
- Knowing various commands of Github
- Understanding agile and scrum management techniques for efficient product development

SRS for “Building chatbot”

- *Functional Requirements*
- This section will outline the specific features and functions that the chatbot must be able to perform.
- This will include requirements related to conversation flows, response generation, natural language processing, and other related functionalities.



SRS for "Building chatbot"

- *Non Functional Requirements*
- Non-Functional Requirements: This section will outline the performance and reliability requirements for the chatbot, such as response time, uptime, and scalability.
- User Interface Requirements: This section will describe the user interface of the chatbot, including its design, layout, and user interactions.
- Technical Requirements: This section will describe the technical specifications required to develop and deploy the chatbot. This may include information about the programming languages, frameworks, libraries, and other tools that will be used to develop the chatbot.



SRS for “Building chatbot”

- *Software Requirements*
 - Natural language processing
 - Chatbot development framework
 - Integrated development environment
 - Cloud computing platform
 - Database



SRS for “Building chatbot ”

- *Hardware Requirements*

- Computer: You will need a computer to develop and test your chatbot. Any modern computer with a good processor, RAM and storage should work.
- Internet Connection: A stable and reliable internet connection is necessary for downloading necessary software packages and libraries, and for testing the chatbot online.
- Microphone and Speakers: If your chatbot is going to include voice recognition and response features, then you will need a microphone and speakers to test and develop these features.
- Mobile Devices: If you plan to develop a chatbot for mobile platforms, you will need to have access to mobile devices to test and debug the chatbot on different devices.
- Cloud Services: If you plan to deploy your chatbot on cloud services, you will need to have access to a reliable cloud service provider that meets your requirements.



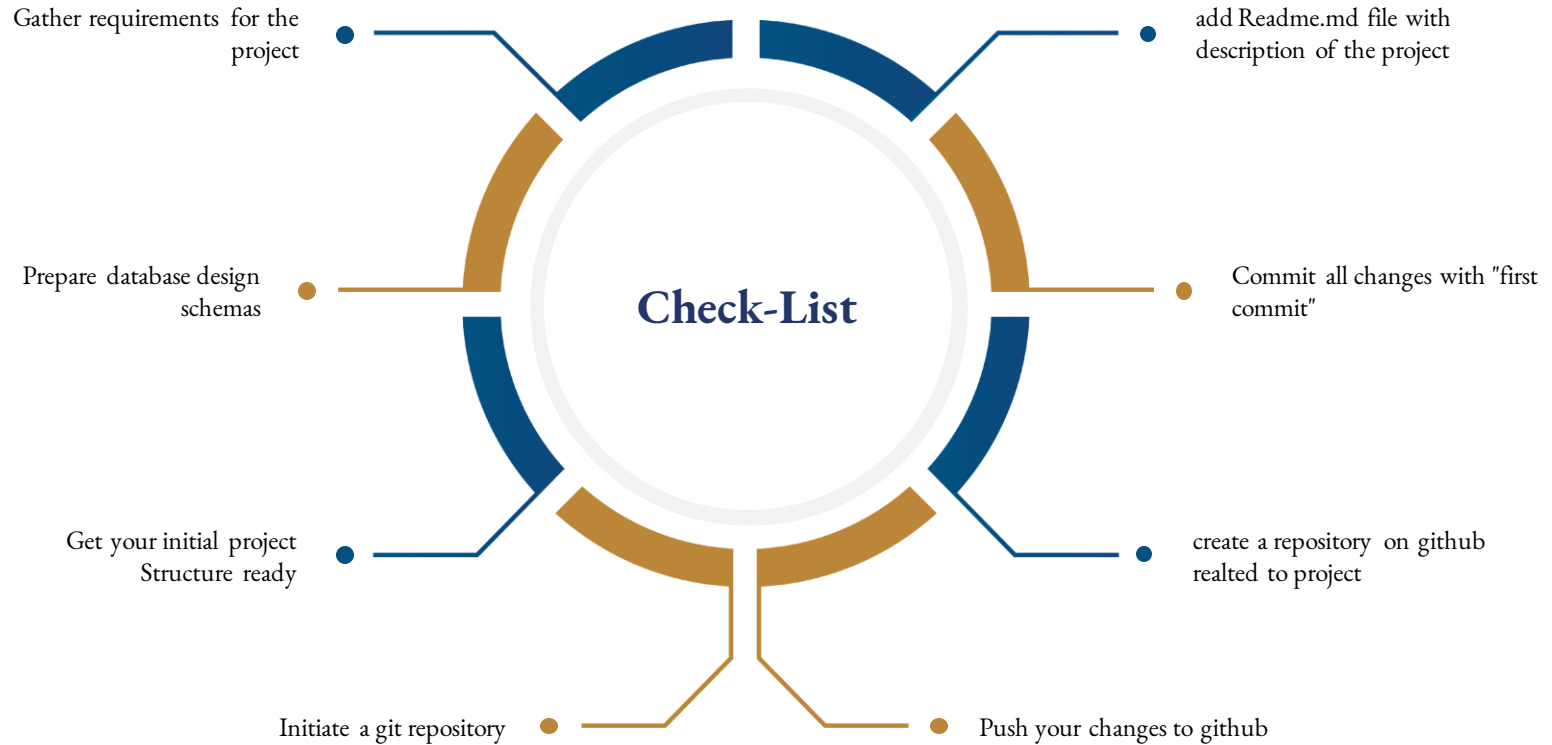
Step-Wise Description

- Determine the purpose
- Choose a chatbot platform
- Define the conversation flow
- Create the chatbot

Summary of your task

Building a chatbot involves several steps, including determining the chatbot's purpose and scope, choosing a platform, defining the conversation flow, creating the chatbot, testing it, deploying it, and monitoring and improving it over time.

Assessment Parameter



Submission Github



<https://github.com/Vasanth09876/Building-chatbot>

Thank
you!

