Tested by: Owain Dutfield , Date:23/04/2023, Environment: Visual Studio, Version/Release: 1.1, Status: Pass

The test data is the data from the dataset we train the chatbot on, the outcome is what the chatbot responds too.

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| Test Number | Test Description | Test  Steps | Test Data | Expected Results | Result (Pass/ Fail) | |
| 1 | Test Greetings | Input greetings into chatbot | “Hello” | “Hello There, I am DocBot. Please list your symptoms.” | | Pass | |
| 2 | Test Name | Input name asking into chatbot | “What is your name?” | “I am DocBot.” | | Pass | |
| 3 | Test Goodbye | Input farewell into chatbot | “Goodbye” | "GoodBye!" | | Pass | |
| 4 | Test Acne | Input symptoms into chatbot | "blackheads", "pimples", "face pimples", "neck pimples", "shoulder pimples" | "According to your symptoms you might have Acne" | | Pass | |
| 5 | Test Bronchitis | Input symptoms into chatbot | "blocked nose", "runny or blocked nose", "tiredness", "cough with phlegm", "cough with yellow gray phlegm" | "You might have Bronchitis Disease" | | Pass | |
| 6 | Test Conjunctivitis | Input symptoms into chatbot | "eye redness", "burning sensation in eyes", "sticky coating on eye lashes", "disturbed vision", "intense red in eyes" | "According to your symptoms you might have Conjunctivitis" | | Pass | |
| 7 | Test Diabetes | Input symptoms into chatbot | "feeling very thirsty", "loss of muscle bulk", "feeling very tired", "wounds heal slowly" | "According to your symptoms you might have Diabetes” | | Pass | |
| 8 | Test Flu | Input symptoms into chatbot | "sudden fever", "dry cough", "chesty cough", "chills", "aching muscles", "sore throat" | "I suppose You might have Flu" | | Pass | |
| 9 | Test HIV | Input symptoms into chatbot | "fever", "swollen glands", "rash", "upset stomach", "headache", "muscle pain", "joint pain" | "According to your symptoms you might have HIV" | | Pass | |
| 10 | Test Impetigo | Input symptoms into chatbot | "red sores around nose", "fever", " swollen glands", "blisters" | "You might have Impetigo" | | Pass | |
| 11 | Test Insomnia | Input symptoms into chatbot | "difficulty in sleeping", "awake for long periods", "not feeling refreshed after waking", "difficulty napping", "difficulty concentrating", "irritable" | "You might have Insomnia" | | Pass | |
| 12 | Test Hypoglycaemia | Input symptoms into chatbot | "increased thirst", "dry mouth", "tiredness", "blurred vision", "unintentional weight loss", "skin infection", "thrush", "recurrent infections", "bladder infections", "frequent urge to urinate" | "You might have Hyperglycaemia (high blood sugar)", "I suppose You might have Hyperglycaemia (high blood sugar)" | | Pass | |
| 13 | Test Hepatitis C | Input symptoms into chatbot | "tiredness", "flu", "loss of appetite", "abdominal pain", "muscle ache", "fever" | "According to your symptoms you might have Hepatitis C" | | Pass | |
| 14 | Test Haemorrhoids | Input symptoms into chatbot | "mucus discharge after passing a stool", "itchy bottom", "bleeding after defecating", "soreness in anus", "swelling around anus", "redness around anus" | "I suppose You might have Haemorrhoids (piles)" | | Pass | |
| 15 | Test Diarrhoea | Input symptoms into chatbot | "stomach cramps", "pale skin", "cold hands", "cold feet", "feeling drowsy", "rapid heartbeat" | "According to your symptoms you might have Diarrhoea" | | Pass | |
| 16 | Test Dehydration | Input symptoms into chatbot | "light-headedness", "tiredness", "dry mouth", "dry lips", "infrequent urine" | "According to your symptoms you might have Dehydration" | | Pass | |
| 17 | Test Bulimia | Input symptoms into chatbot | "over eating", "think about food all time", "overeats", "focus in body image" | "I suppose You might have Bulimia Disease" | | Pass | |
| 18 | Test Bipolar Disorder | Input symptoms into chatbot | "feeling depressed", "lacking energy", "loss of interest", "feeling worthless", "being pessimistic about everything", "being delusional", "suicidal thoughts", "feeling full of energy", "easily irritated" | "You might have Bipolar Disorder Disease" | | Pass | |
| 19 | Test Autism | Input symptoms into chatbot | "delayed language", "delayed learning", "delayed movement", "unusual mood", "unusual eating habits", "unusual sleeping habits", "no facial expression" | "According to your symptoms you might have Autism" | | Pass | |
| 20 | Test Arrhythmia | Input symptoms into chatbot | "palpitations", "chest pounding", "breath shortness", "blurry vision", "anxiety" | "You might have Arrhythmia" | | Pass | |