

## DAY – 100

**24 December 2025**

**Test cases are performed-**

Table 4.1 test cases

TC ID	Module	Test Scenario	Input	Expected Output	Result
TC-01	Frontend UI	Open chatbot popup	Click button	Chat popup opens with welcome message	Pass
TC-02	Language Switch	Change chatbot language	Select "Punjabi"	Initial message & placeholder switch to Punjabi	Pass
TC-03	Basic Dataset Matching	Dataset reply check	"hello"	"Hello! How can I help you today?"	Pass
TC-04	Farewell Detection	End conversation	"bye"	"Goodbye! Have a great day."	Pass
TC-05	PDF Q/A Extraction	Ask a PDF-based question	"What is Warabandi Proforma?"	Bot should answer using PDF explanation	Pass
TC-06	Long Answer Summarization	Ask for follow-up "Brief"	"Explain again in short" after getting a PDF answer	Bot returns bullet points, not paragraph	Pass
TC-07	Follow-up Understanding	Ask "this topic again"	First: "Change Password feature" → Next: "Explain again"	Bot answers correctly based on remembered topic	Pass
TC-08	Streaming Response	Bot typing animation	Send any message	Message appears letter-by-letter without freezing UI	Pass
TC-09	Punjabi Text Detection	Unicode language detection	"ਪ੍ਰਾਈਲ ਕਿਵੇਂ ਅੱਪਡੇਟ ਕਰੀਦਾ ਹੈ"	Bot converts to English internally & returns Punjabi answer	Pass
TC-10	Slow Internet	Delayed backend reply	Switch off internet before submitting	Loading should stop gracefully → "Error"	Pass

				fetching response”	
TC-11	PDF Q/A extraction	Ask a PDF-based question	“What is chakbandi?”	Bot should answer using PDF explanation	Pass
TC-12	Area	Test Scenario	Input	Expected Output	Status
TC-13	Dataset Switching	English dataset check	“what is your name”	“I am your assistant chatbot.”	Pass
TC-14	Greeting Variations	Different greeting forms	“hi”, “hlo”, “hey”	Bot replies politely with greeting	Pass
TC-15	Misspelled Words	Typo handling	“warbanri proforma”	Bot correctly returns Warabandi Proforma answer	Pass
TC-16	Multi-sentence Question	2 questions in one	“Explain login page”	Bot answers top-matched part OR asks to split question	Pass
TC-17	PDF Only Question	Question present only in PDF not in dataset	“List of officials feature”	Bot answers using PDF content	Pass
TC-18	Long Answer + Follow Up	After long response	User: “short”	Bot shows bullet-points only	Pass
TC-19	Session Refresh	Page refresh test	F5 / Ctrl+R	Previous history cleared & new session starts	Pass
TC-20	Mobile View UI	Responsive testing	Mobile width < 480px	Chatbot bubbles auto shrink, layout intact	Pass
TC-21	Scroll Overflow	Long conversation	30+ messages	Scroll bar works — latest msg visible	Pass
TC-	Response Time	Speed testing	Normal questions	Response < 5 sec	Pass

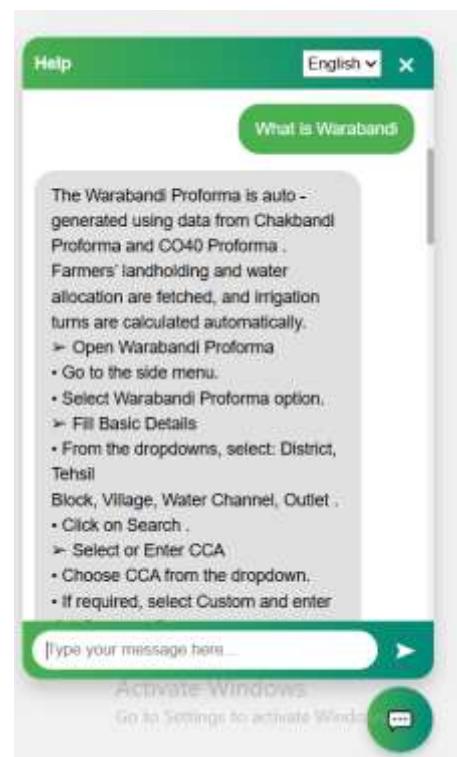
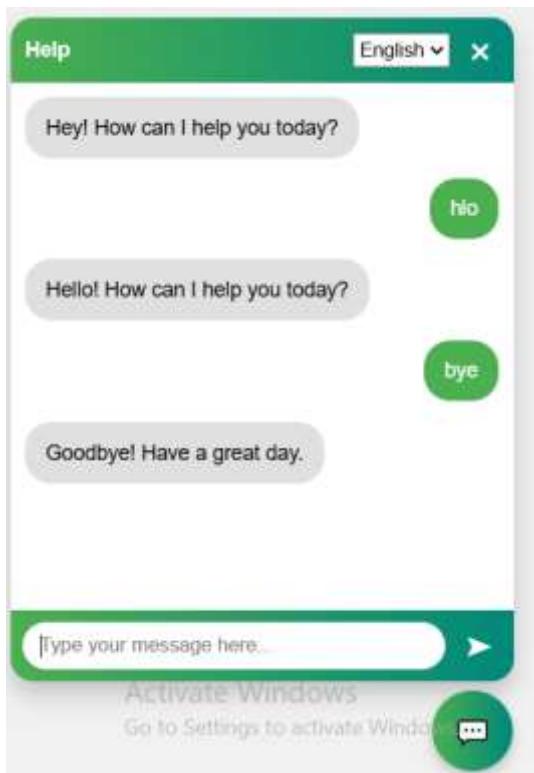
22					
TC-23	Mixed Language	English / Punjabi	“menu application status daso”	Bot understands & replies correctly	Pass
TC-24	PDF Q/A Extraction	PDF-based question	“What is Dashboard”	Bot should answer	Pass



TC-1

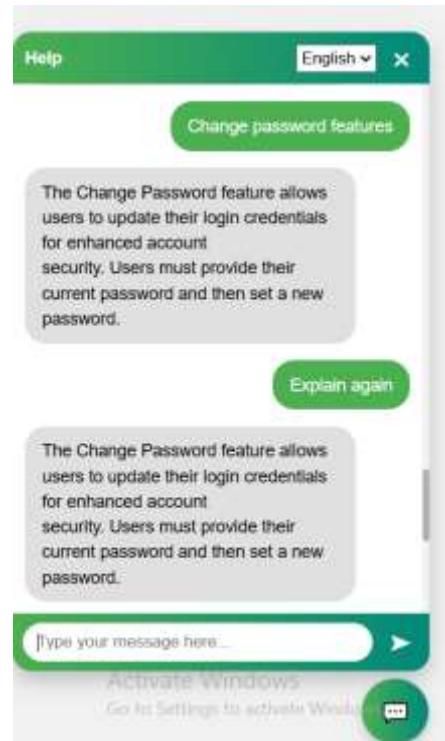
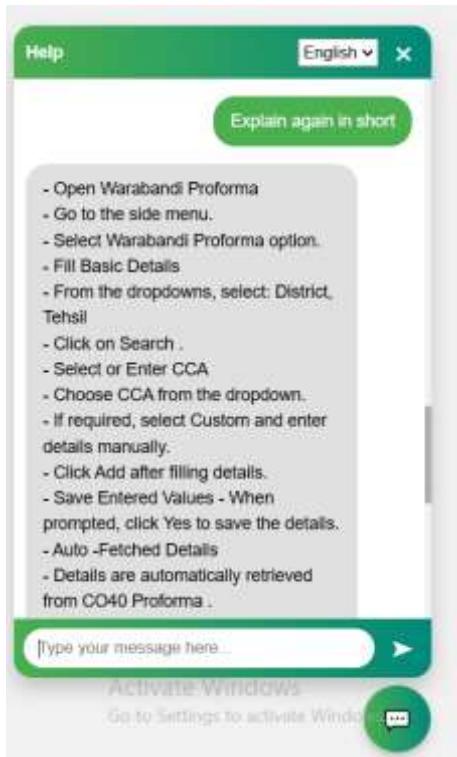


TC-2



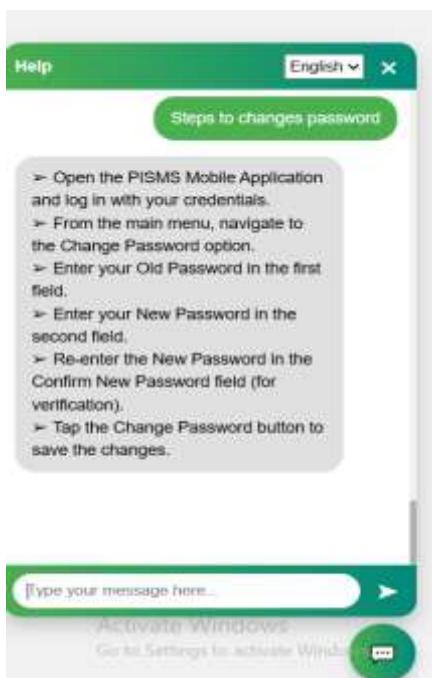
TC-3 &amp; TC-4

TC-5

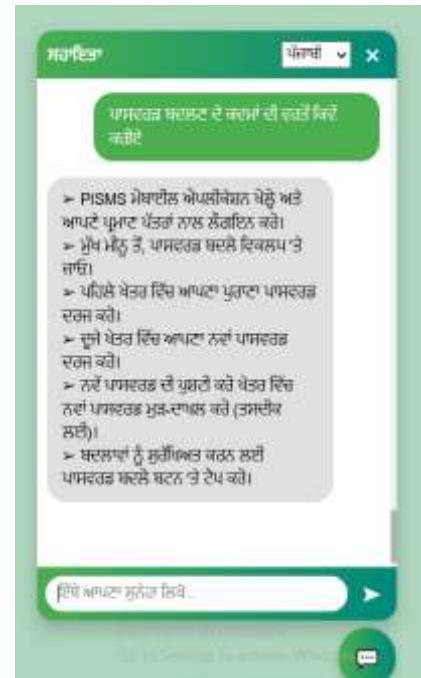


TC-6

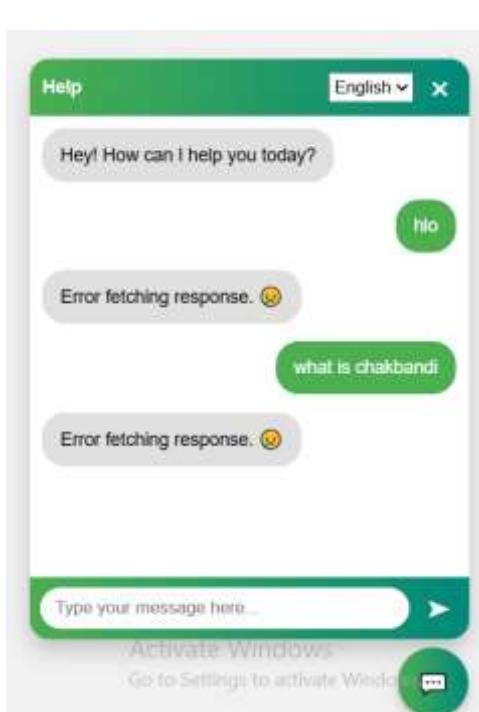
TC-7



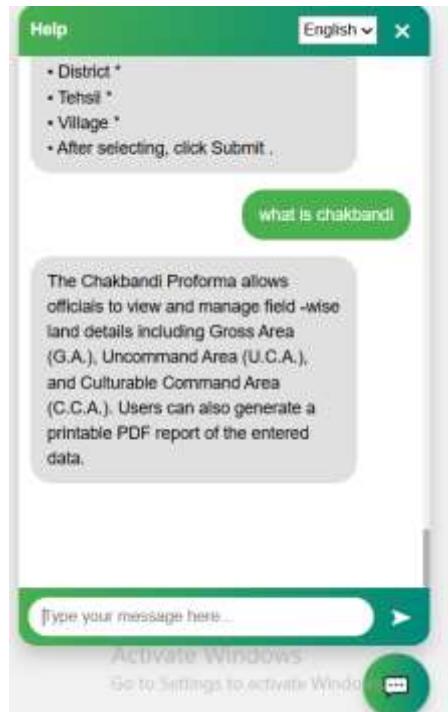
TC-8



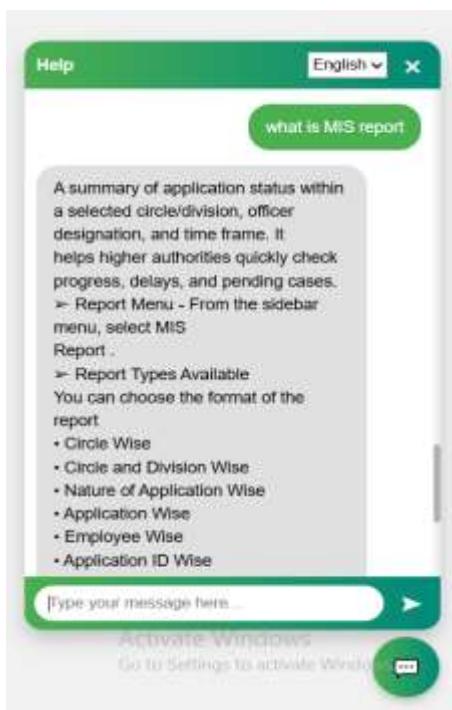
TC-9



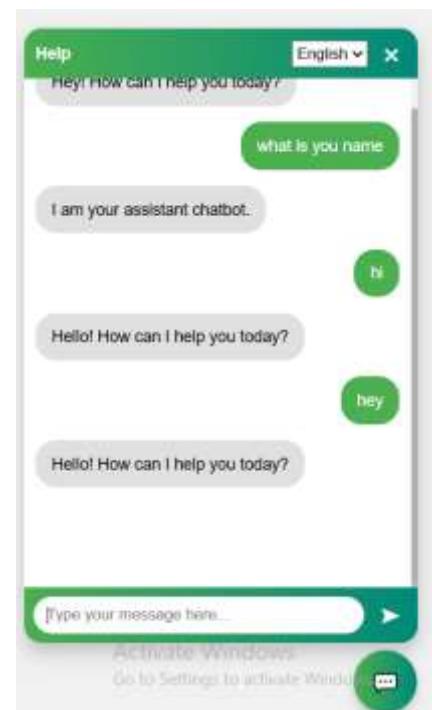
TC-10



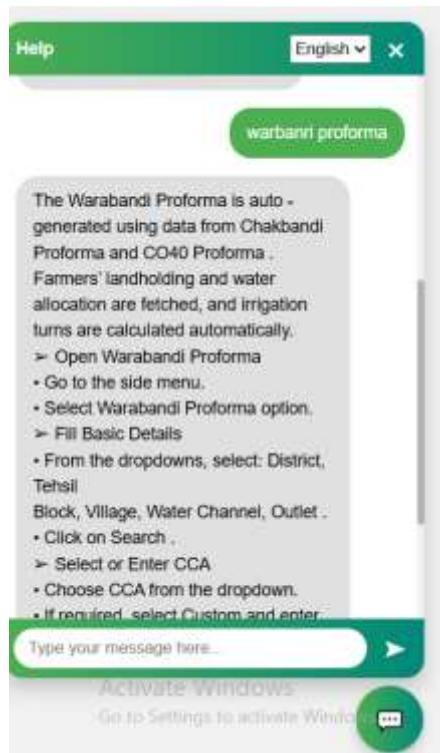
TC-11



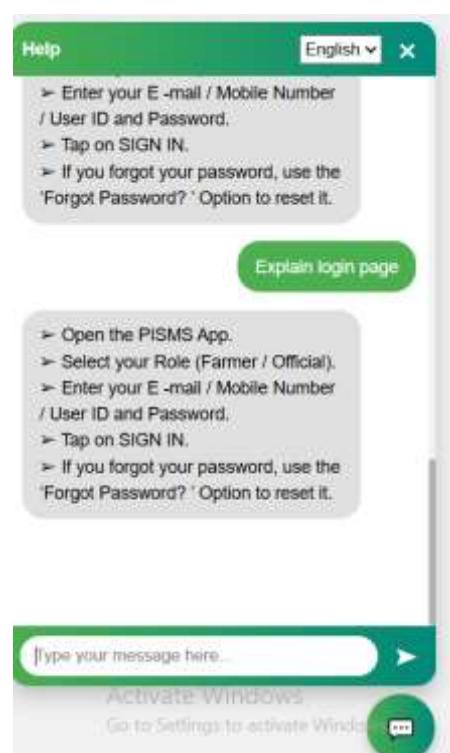
TC-12



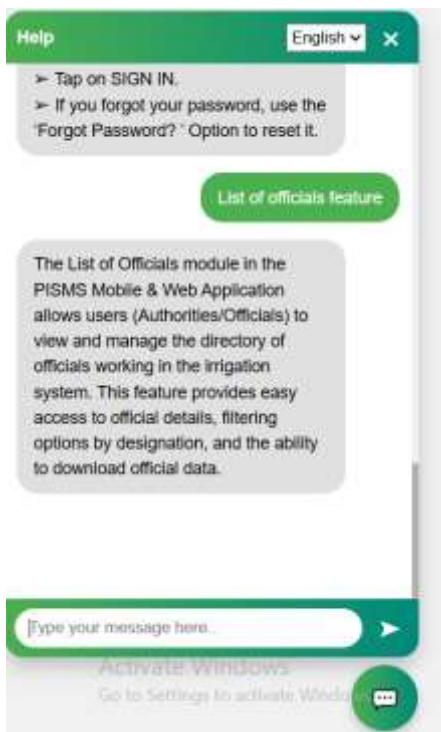
TC-13 &amp; TC-14



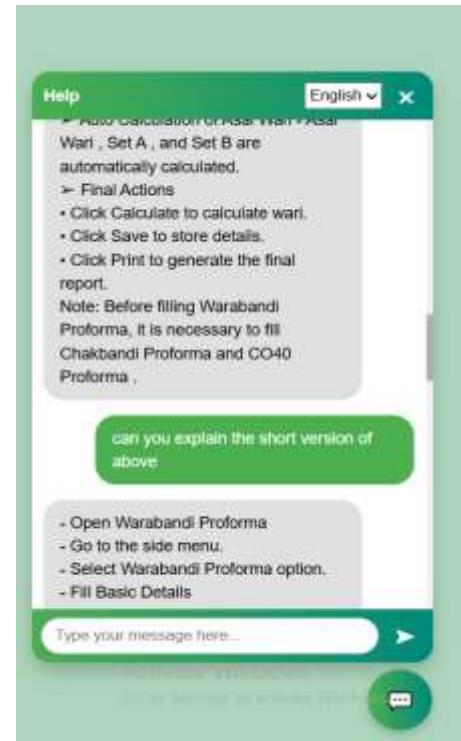
TC-15



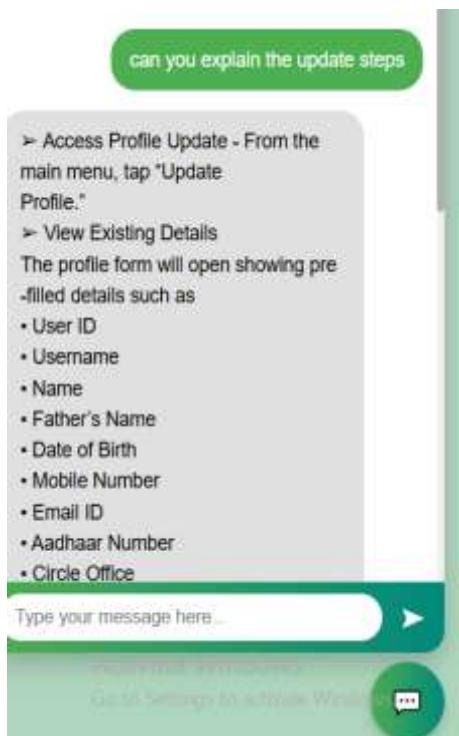
TC-16



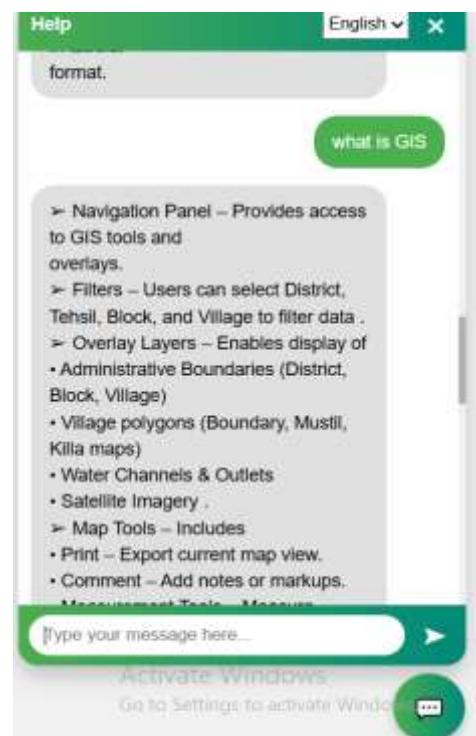
TC-17



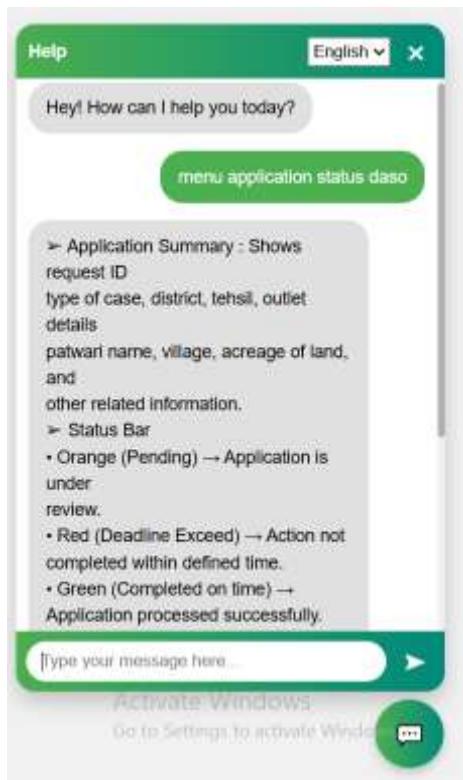
TC-18 &amp; TC-19



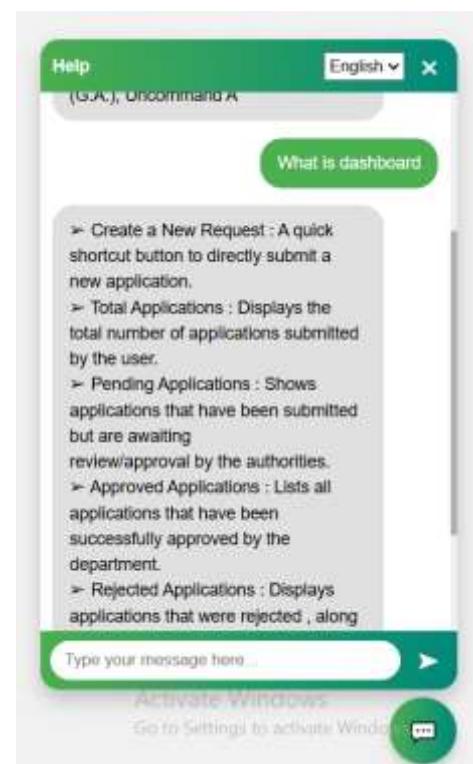
TC-20 &amp; TC-21



TC-22



TC-23



TC-24