

Test Planner and Tracker		Kushagra Trivedi, Swam Singla,Nidhi Vaidya, Ronak Gaur, Ayush Kumar Gupta						
Test No. ID	Related Use case (According to SRS)	Pre-conditions	Test Description (steps)	Expected Outcome	R1 Outcome (color code cell background)	Comments (if test case failed)	R2 Outcome (color code cell background)	Comments (if test case failed)
1	UC-01: GST Filing	User has valid GSTIN. Sales and purchase invoices are recorded in the system.	1. User logs into the website; 2. User navigates to GST Filing section; 3. System retrieves relevant sales and purchase data; 4. System displays processed data in JSON format ready for filing; 5. User downloads JSON for manual submission.	GST return data is processed and displayed in JSON format. User downloads it for manual submission.	Not applicable (API integration not implemented)	The client has to sign the contract with Zoho hence cannot proceed further.	The requirement was modified to generate a submission ready JSON file for the GST filing section.	Pass
2	UC-02: WhatsApp Integration	User has active WhatsApp account. Chatbot is authorized and integrated with system.	1. User initiates conversation with WhatsApp chatbot; 2. User selects GST filing option; 3. Details are automatically extracted using NanoNets API 4. Chatbot validates the data; 5. System processes the request	The user's request is successfully processed, and the relevant data is stored.	The invoice data is successfully stored in backend. System prepares GST filing. User receives confirmation message with next steps	Pass		Pass
3	UC-03: Custom App Chatbot	User has access to website with integrated chatbot.	1. User accesses website; 2. User initiates conversation with chatbot; 3. User asks "How do I file GST returns?"; 4. Chatbot provides guidance on GST filing process	The chatbot ensures the user understands how to proceed but does not directly handle the filing process	Chatbot provides clear, step-by-step guidance on how to navigate to and complete GST filing on the website.	Pass		Pass
4	UC-04: E-Way Bill Generation	User has access to website, Invoice details and transport information available	1. User navigates to E-Way Bill Generation section; 2. User enters consignee/consignor details; 3. User enters HSN codes and invoice reference; 4. User enters transport details; 5. User submits information	The E-Way Bill is successfully generated and gets downloaded	E-Way Bill is successfully generated and downloaded. User receives confirmation via website	Pass		Pass
5	UC-05: Delivery Challan Management	User has shipment details including invoice references, quantity, and consignee/consignor details	1. User navigates to Delivery Challan section; 2. User enters goods description and quantity; 3. User enters shipment details; 4. User submits information; 5. System generates challan	The delivery challan is successfully generated and stored in the system. The user receives a confirmation along with a downloadable document.	Delivery challan is successfully generated and stored in system. User receives downloadable PDF. User receives confirmation message	Pass		Pass
6	UC-06: ITR Filing	User has Form 16 and other financial documents. System supports data extraction and validation for ITR filing.	1. User logs into the website; 2. User navigates to ITR Filing section; 3. System extracts and validates data; 4. System processes data into JSON format; 5. User downloads the JSON file for manual submission.	ITR data is processed and displayed in JSON format. User downloads it for manual submission.	The client has told that it will take some time for him to get PF API access for the website	The client has told that it will take some time for him to get PF API access for the website a downloadable	The requirement was modified to generate a submission ready JSON file for the ITR filing section.	Pass
7	UC-07: PF Filing	User has employee salary and PF contribution details. System can generate ECR files	1. User navigates to PF Filing section; 2. User uploads employee salary details; 3. System validates data and calculates contributions; 4. System generates ECR file; 5. User confirms submission	The PF contributions are successfully filed via API, or a submission-ready ECR file is generated. A filing record is stored in the system for future reference.	PF contributions successfully filed via the generation of a submission ready ECR file. Filing record stored in system. User receives confirmation message	Pass		Pass
8	UC-08: Dashboard Analytics	System has structured financial data. User has appropriate permissions	1. User navigates to Dashboard section; 2. User specifies month range; 3. System generates report and graphs with carousel; 4. Many details of investment profit and loss appear here	The requested data is successfully generated along with the graphs for the user to gain valuable insights.	Report is successfully generated with accurate data, graphs and value.	Pass		Pass
9	UC-09: Scanning and Uploading Documents	User has documents ready for upload	1. User selects document upload via WhatsApp; 2. User uploads invoice image; 3. System processes document using OCR; 4. System validates document format; 5. System stores document	The document is successfully uploaded and stored for future reference.	Document is successfully processed, categorized and stored. User receives confirmation message	Pass		Pass
10	UC-10: Notifications	User has active account with registered contact details	1. System detects upcoming GST filing deadline; 2. System generates notification message; 3. User receives notification	The user is informed of important updates related to financial and compliance processes. The system ensures timely actions by sending alerts to prevent delays or penalties.	User receives timely notification about upcoming filing deadline via the website. For the whatsapp notification thing we will require dedicated server to keep track of the requests.	Pass		Pass
11	UC-09: Scanning and Uploading Documents	System must have access to Nanonets API and the test limit of the model is still left	1. User uploads a valid invoice document; 2. System sends document to Nanonets API; 3. API processes and extracts fields like invoice number, date, and amount	Extracted fields are displayed and stored correctly for further processing	The Nanonets API call is working correctly	Pass		Pass
12	UC-02: WhatsApp Integration	User attempts to connect number using login credentials	1. User opens WhatsApp chat; 2. Enters incorrect login and password; 3. System tries to authenticate via WhatsApp Business API using Twilio Webhook	Authentication fails; user receives error message and number is not connected	The login functionality supported by backend on the whatsapp chatbot is working correctly	Pass		Pass
13	UC-02: WhatsApp Integration	WhatsApp chatbot is live and can process document types	1. User uploads an unrecognized document (e.g., personal image or corrupted file); 2. Chatbot attempts classification using keyword text detection logic	Chatbot responds with "Unknown document type" and prompts retry	The classification script is working correctly and has unlimited usage	Pass		Pass
14	UC-09: Scanning and Uploading Documents	Website has image capture module (react-capture) and classification enabled	1. User logs into the website; 2. Opens "Scan Document" section; 3. Captures image using device camera; 4. System scans and classifies document (e.g., as PF Filing or ITR filing)	Document is classified correctly and stored under appropriate filing category	The image capturing and classification functionality is working correctly	Pass		Pass
15	UC-02: WhatsApp Integration (Gemini API)	User has an active WhatsApp account; chatbot is integrated with Gemini API. user is authenticated	1. User initiates chat with the WhatsApp chatbot; 2. Chatbot prompts for login; 3. User provides valid login credentials; 4. User asks a general tax-related question (e.g., "What are the due dates for GST filing?"); 5. Chatbot forwards the query to the Gemini API; 6. Gemini API processes the query and returns a response; 7. Chatbot displays the response to the user.	The chatbot returns a relevant and accurate answer to the tax-related question using Gemini API			The outcome is generated and shown as a result on the Whatsapp account of the user.	Pass
16	UC-11: React Native App	User is logged into the React Native app (via web or Expo Go). backend is connected	1. Navigate to the Documents tab (4th page in bottom navbar); 2. Select either E-Waybill Generation or Delivery Challan; 3. Fill in required transport/invoice details; 4. Click Submit; 5. Download or share the generated PDF.	PDF is generated and ready for download; data is saved on backend; sharing options (WhatsApp, Bluetooth, etc.) are enabled.	Not applicable for R1	Not applicable	The E-waybill or delivery challan is successfully generated on the mobile app and is ready for export	Pass
17	UC-11: React Native App	User is on the app's File Documents section (2nd page), backend connected	1. Tap on PF Filing; 2. Enter company details; 3. Add employee info including salary; 4. Generate ECR file.	ECR file is successfully generated with saved company + employee data	Not applicable for R1	Not applicable	The ECR file is generated and downloaded on the system	Pass
18	UC-11: React Native App	App is installed and opened; user has credentials	1. App prompts for username and password; 2. User enters credentials; 3. System checks credentials and proceeds.	With correct credentials, user is taken to dashboard. With wrong credentials, "Invalid Credentials" is shown.	Not applicable for R1	Not applicable	User gets appropriate response based on the details provided.	Pass
19	UC-11: React Native App	User is logged into the React Native app; Nanonets API and classification backend are operational	1. Navigate to the Scan & Upload tab (3rd page); 2. Upload a document (e.g., Form 16); 3. The backend runs classification and identifies it as GST/ITR/PF; 4. A button appears based on the classification; 5. On clicking the button, the corresponding filing page opens with pre-filled details from Nanonets; 6. User can edit details if needed and click Submit.	Document is classified correctly; correct page is opened; fields are pre-filled from Nanonets; edited details (if any) are saved to backend.	Not applicable for R1	Not applicable	The document is correctly classified. The data is correctly extracted and then later on saved on the backend.	Pass
20	UC-11: React Native App	User is logged into the app; backend and Gemini API are functional	1. Open the app and land on Dashboard (1st page); 2. Verify stats fetched and displayed from backend (filings, uploads, activity logs); 3. Click Support button; 4. Type a query into the chatbot; 5. Query is routed to Gemini API and response is shown on WhatsApp chat screen.	Dashboard loads with correct state; chatbot accepts queries and returns Gemini-generated answers in real time.	Not applicable for R1	Not applicable	The stats are shown on the dashboard in an appealing format. The response of the queries from the Gemini are shown on Whatsapp chat	Pass
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