Test Scenarios

ID	Scenario Description	Preconditions	Steps	Expected Result	Type	Automated
TC01	Log in to Rudderstack	Valid business email & password	1. Navigate to Rudderstack login page. 2. Enter credentials. 3. Click "Sign In".	User is logged in and dashboard is displayed.	UI	Yes
TC02	Navigate to "Connections" page	Logged in	1. Click "Connections" in side menu.	Connections page loads without error.	UI	Yes
TC03	Capture Data Plane URL	On Connections page	1. Create new HTTP Source. 2. Note Data Plane URL.	URL is visible and matches expected format.	UI	Yes
TC04	Capture Write Key	HTTP Source created	1. Open Source details. 2. Copy Write Key.	Key is visible and not empty.	UI	Yes
TC05	Send test event via API	Have Write Key & Data Plane URL	1. Prepare JSON payload. 2. Send POST request to Data Plane URL.	API returns 200 OK. Event appears in destination logs.	API	Yes
TC06	View Webhook Destination events	Destination configured	1. Open Webhook Destination settings. 2. Go to Events tab.	Delivered & Failed event counts are visible.	UI	Yes
TC07	Validate at least one successful event	API event sent	1. Check Delivered count > 0.	Pass if at least one event is delivered.	UI/API	Yes
TC08	Invalid Write Key API request	Use wrong Write Key	1. Send POST request with invalid key.	API returns 4xx error. Event is not delivered.	API	Yes
TC09	API timeout handling	Temp network block	1. Send request with simulated delay.	Test retries or fails with meaningful message.	API	Yes

TC10	GitHub Actions daily run	Repo configured	1. Push tests to repo. 2. Set daily cron in Actions.	Workflow runs daily, all tests pass.	DevOps	Yes