

Test Cases - User Story Test Cases

User Story 1

As an employee, I want to authenticate myself using an OTP sent to my official email, so that I can securely access HR-related information via WhatsApp.

Test Cases:

Test Case 1:

****Positive Test Cases:**** ****Test Case ID:**** 001 ****Description:**** User successfully authenticates using OTP sent to official email. ****Preconditions:**** User has access to their official email. ****Steps:**** 1. User enters their email address on the HR portal. 2. User requests OTP. 3. User checks their official email and retrieves the OTP. 4. User enters the OTP on the HR portal. ****Expected Results:**** User is successfully authenticated and can access HR-related information via WhatsApp. ****Priority:**** High

****Validation Test Cases:**** ****Test Case ID:**** 002 ****Description:**** User enters an incorrect email address. ****Preconditions:**** User has access to the HR portal. ****Steps:**** 1. User enters an incorrect email address on the HR portal. 2. User requests OTP. ****Expected Results:**** System displays an error message prompting the user to enter a valid email address. ****Priority:**** Medium

****UI/UX Test Cases:**** ****Test Case ID:**** 003 ****Description:**** OTP request button is clearly visible and accessible on the HR portal. ****Preconditions:**** User has access to the HR portal. ****Steps:**** 1. User navigates to the authentication page on the HR portal. ****Expected Results:**** OTP request button is prominent and easy to locate on the page. ****Priority:**** Medium

****Performance Test Cases:**** ****Test Case ID:**** 004 ****Description:**** Test system performance when multiple users are simultaneously requesting OTPs. ****Preconditions:**** Multiple users are accessing the HR portal. ****Steps:**** 1. Multiple users request OTPs simultaneously. ****Expected Results:**** System should be able to handle the load and deliver OTPs promptly to all users. ****Priority:**** High

****Security Test Cases:**** ****Test Case ID:**** 005 ****Description:**** Test if OTPs are valid only for a limited time. ****Preconditions:**** User receives OTP. ****Steps:**** 1. User retrieves OTP and waits for a significant amount of time. 2. User tries to enter the same OTP after the validity period has passed. ****Expected Results:**** System should not accept the expired OTP and prompt the user to request a new one. ****Priority:**** High

****Combination Test Cases:**** ****Test Case ID:**** 006 ****Description:**** User enters an incorrect email address and then requests OTP. ****Preconditions:**** User has access to the HR portal. ****Steps:**** 1. User enters an incorrect email address on the HR portal. 2. User requests OTP. ****Expected Results:**** System should display an error message for the incorrect email address and not send an OTP. ****Priority:**** Medium