# Pharmacy Error Tracker

# Use Case 13: Log In

1. Brief Description

When a user

Wants to log into the web app so they can start submitting errors, they enter their details on the login screen.

So that they can access the program.

1. Actors
   1. User

* A basic user of the system, with no additional permissions.

1. Pre-Conditions
   1. A user wants to log in to the system.
2. Normal Flow

The use case begins when the user opens the log-in page.

|  |  |
| --- | --- |
| Actor | System |
| 1.1: The user enters their details into the login form. | 2.1: The server receives the login details over the secure connection. |
|  | 2.2: The server verifies the login details are correct. |
|  | 2.3: The server sends a login token to the user. |
| 3.1 The user is logged in, and can access the system. |  |

The use case ends.

1. Exception Flows
   1. Failure flow 1

If at step 2.2 of the normal flow the login details are incorrect, then:

|  |  |
| --- | --- |
| Actor | System |
|  | 2.2.1: The server sends an error message to the user. |

1. Post-conditions
   1. The user should be able to access the system on that device.
2. Special (Non-functional) Requirements
   1. Identification

The Pharmacy Error Tracker application will identify its users as Users, Supervisors, or Administrators before interacting with them. Please refer to the System-Wide Functional Requirements document, section 2.1.1, for the full details of the extent to which the P.E.T. system will do this.

* 1. Identification

Most typical beginner users should be able to login within three minutes. Most typical experienced users should be able to login within one minute.

* 1. Integrity

The Pharmacy Error Tracker application will detect repeated authentication failure attempts and advise the Administrator, a minimum of 99.99% of the time, within two minutes if it is unable to verify the identity of any user in less than four attempts within any one-hour period.

* 1. Response Times

Pharmacy Error Tracker application is to respond to user requests to log in within 2 seconds.