**t -Retail**

**Digital Banking**

CONSOLIDATED DOCUMENT OF SIGN IN

**Agreement Tracking**

**Sonali Intellect Limited**

**, Bangladesh**



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**Revision History**

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# INTRODUCTION

## Purpose of the Document

This document describes the sign-in functionality for the Agreement Tracking System implemented in Django (backend) and React (frontend). It covers authentication workflows, API endpoints, and UI specifications. The intended audiences for this document are:

The intended audiences for this document are:

1. Users
2. Testers
3. Technical Architects & Developers

## References

|  |  |
| --- | --- |
| **Document Name** | **Description** |
| API\_ENDPOINTS\_GUIDE.md | API specifications for React integration |

## Terminology

### Field Rule Properties

This section lists down field type and field rule description

|  |  |
| --- | --- |
| **Code** | **Description** |
| R | Required |
| O | Optional |
| C | Conditional |
| NA | Not applicable |

### Field Type

|  |  |
| --- | --- |
| **Code** | **Description** |
| CB | Checkbox |
| F | Free format input (typically in a text box / text area) |
| P | Password |

### Data Element

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Data Type** | **Description** | **Allowed Characters** | | | |
| NUM/N (XX) | Number | 0 to 9 |  |  |  |
| AN | Alphanumeric | a to z | A to Z | 0 to 9 |  |
| A | Alphabet | a to z | A to Z |  |  |
| DAT | Date (DD/MM/YYYY) | 0 to 9 | - | / |  |

### Acronyms & Abbreviations

|  |  |  |
| --- | --- | --- |
| **S N** | **Term** | **Explanation** |
| 1 | API | Application Programming Interface |
| 2 | JWT | JSON Web Token |
| 3 | CORS | Cross-Origin Resource Sharing |
| 4 | POST | Power On Self Test |
| 5 | CSRF | Cross Site Request Forgery |

# PROJECT OVERVIEW

The Agreement Tracking System requires secure user authentication with the following features:

1. Email/password-based sign-in
2. Session management
3. CSRF protection
4. Role-based access control

# PREREQUISITES

Key elements and prerequisites for Login process:

1. Users must be registered in the system.
2. Valid email and password are required.
3. CSRF tokens must be handled for POST requests.

# BUSINSESS REQUIREMENT- SIGN IN

Users will be able to log in for Agreement Tracking by using following methods:

## Sign In

### User Journey

1. Overview

Users will be able to access the Agreement Tracking through the sign-in process, which includes authentication and session management.

2. Sign In Process

2.1 User Journey

a. Login Methods:

Customers can log in using the following method:

Web: Email and password.

b. Authentication:

Backend validates credentials via POST /api/accounts/login/.

c. Session Management:

Single session per user.

d. Session Expiry:

Session expires after 30 minutes of inactivity.

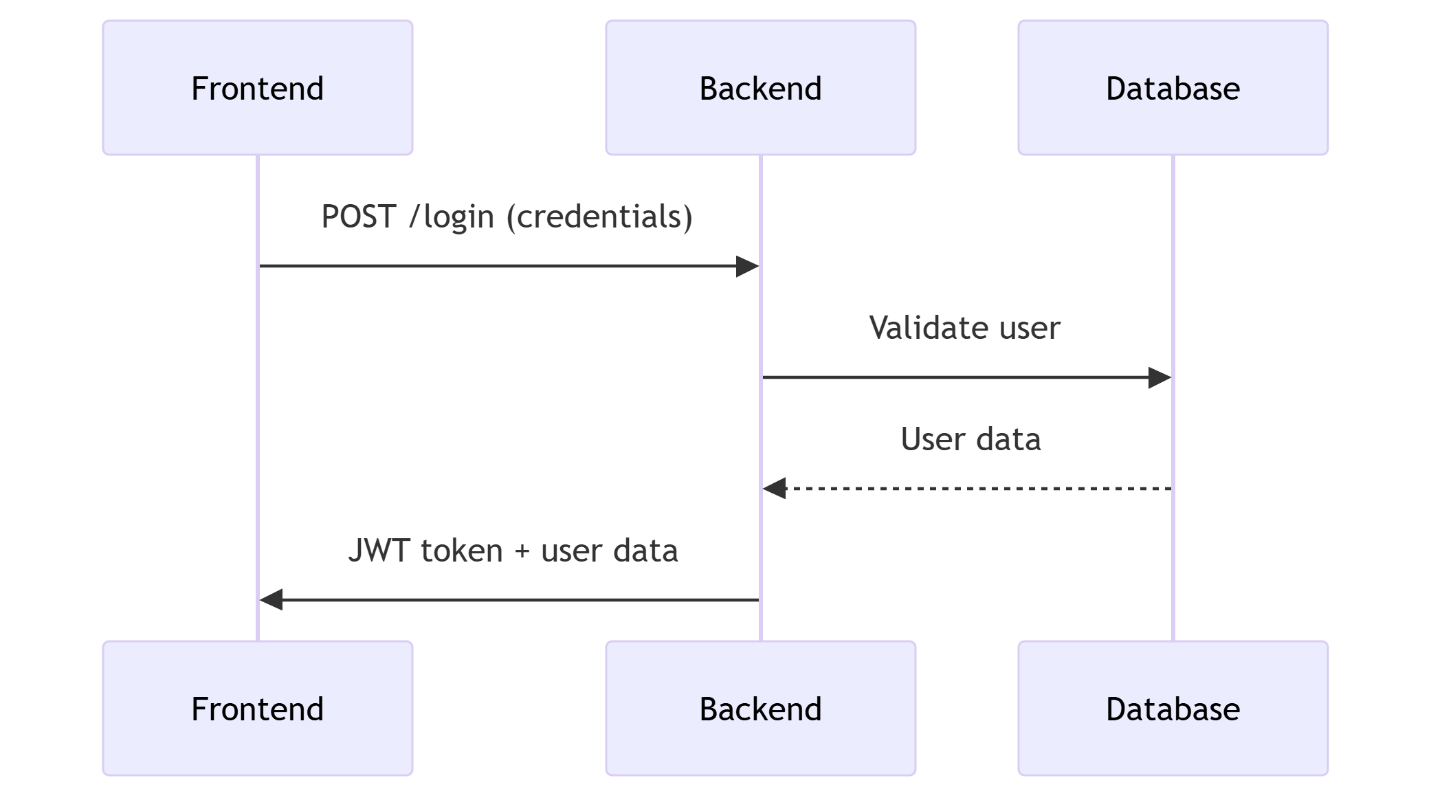
e. Error Handling - Incorrect Credentials:

If a user enters incorrect credentials:

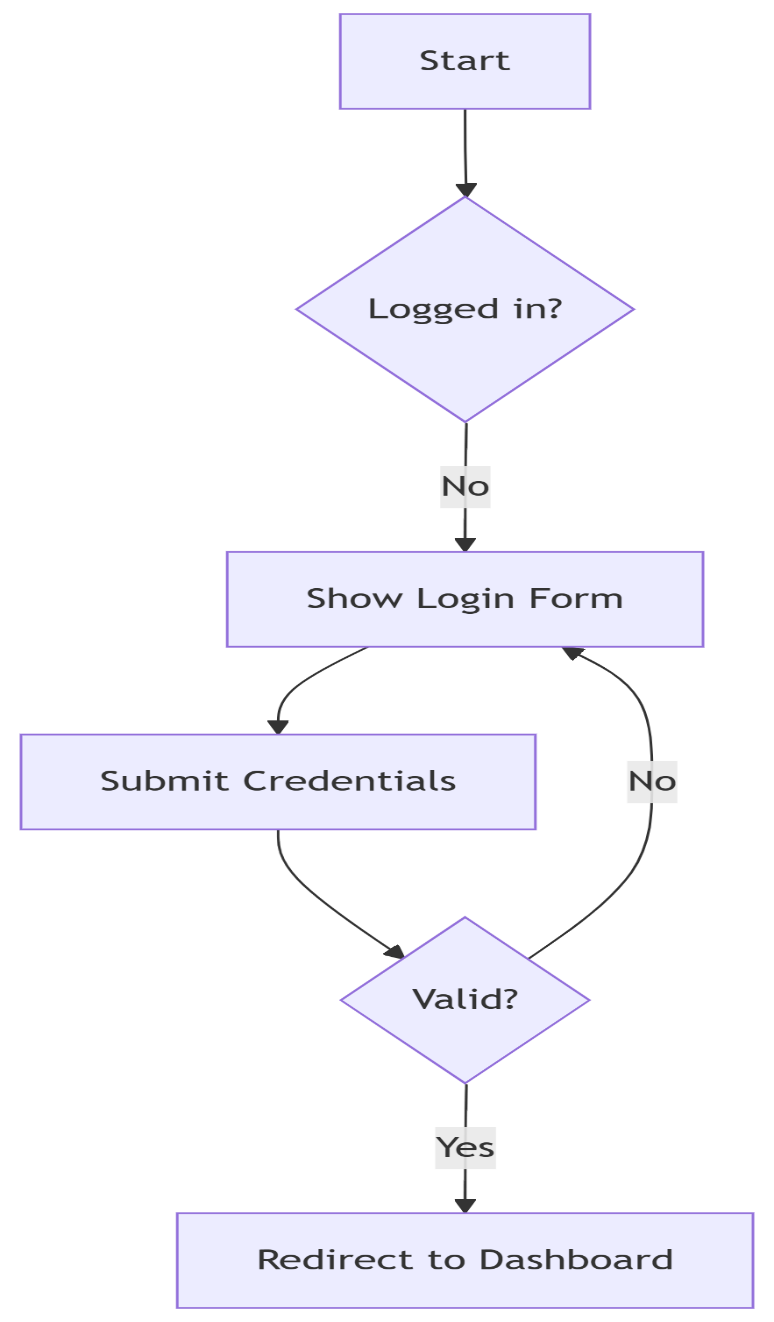
The system will not allow access.

An error message will be displayed: Invalid credentials: 401 Unauthorized with error message

### Authentication Flow



### User Flow



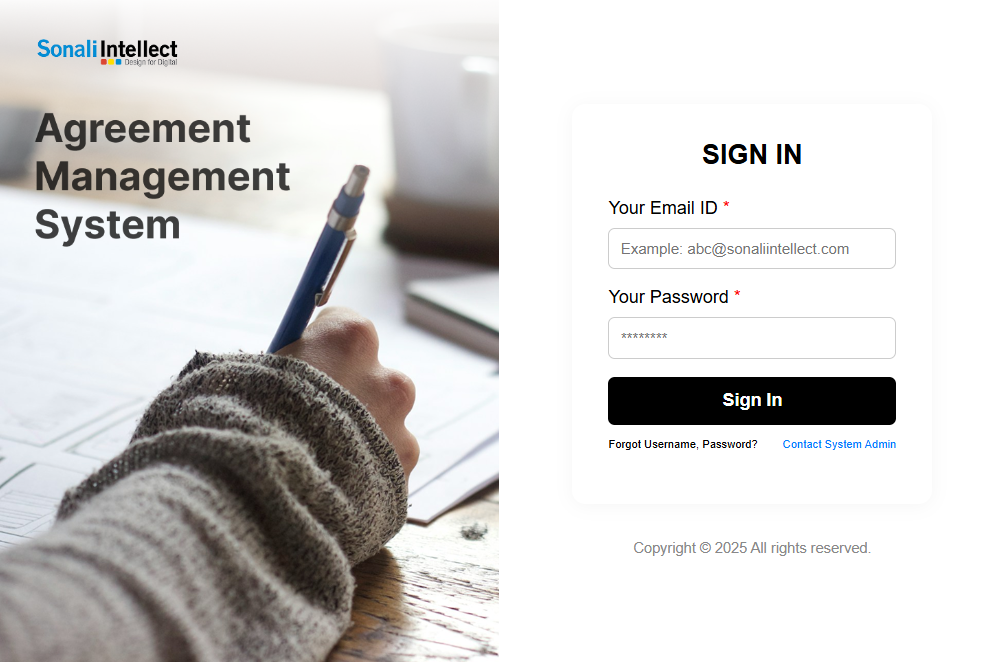
Note:

Web: Refers to accessing Agreement Tracking through a web browser.

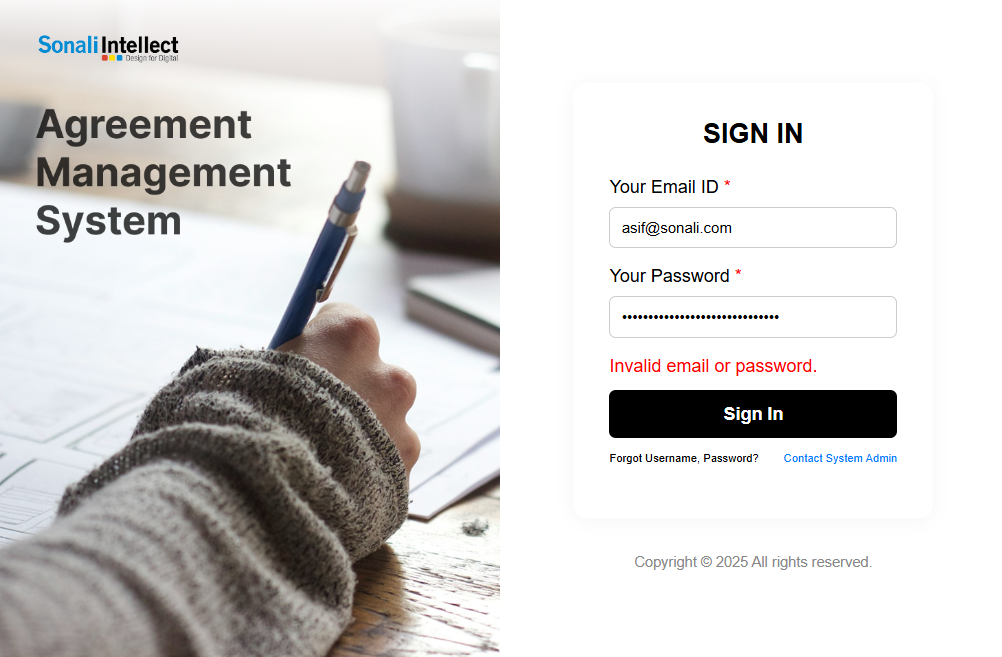
This documentation outlines the steps involved in the sign-in process for Agreement Tracking, ensuring secure access and session management for customers.

# USER INTERFACES

**For Web:**



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field Rule** | **Data Element** | **Touch Points** | **Configurable** | **Description** |
| Email | R | AN+ |  | Y | User’s registered email address. |
| Password | R | AN+ |  | Y | Password complying with policy. |



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field Rule** | **Data Element** | **Touch Points** | **Configurable** | **Description** |
| Email | R | AN+ |  | Y | User will be able to view their entered email. |
| Password | R | AN+ |  | Y | User will be able to view their entered password |