

## 1.0 System Overview

### 1.1 SSO Integration

SSO Integration uses Keycloak, an open-source Identity and Access Management (IAM) for modern apps like single-page applications, mobile apps, and REST APIs. The services provided to facilitate the integration of SSO include:

- Authentication: Centralized login service to verify user identities
- Authorization: Role-based and implements detailed access control for applications
- Token Management: Issuance and validation of tokens using OpenID Connect protocol.
- User Federation: Integration with external user directories like LDAP, Active Directory and more.