# Development of a generic SSO gateway for the Government of Kerala

Concept Note

The Government of Kerala desires to establish a centralised Single Sign On platform for the State to enable the Department Employees to access various applications with the same login credentials. The Parichay SSO developed by NIC is the chosen solution.

As a part of the implementation of this platform, KSITM has decided to develop a generic SSO gateway such that all services, instead of directly integrating with Parichay, should communicate with this gateway. In the backend, this gateway will integrate with the SSO provider, through Parichay specific interface. In the front end, normal SSO operation will be executed utilising generic SSO interfaces between the services and the gateway.
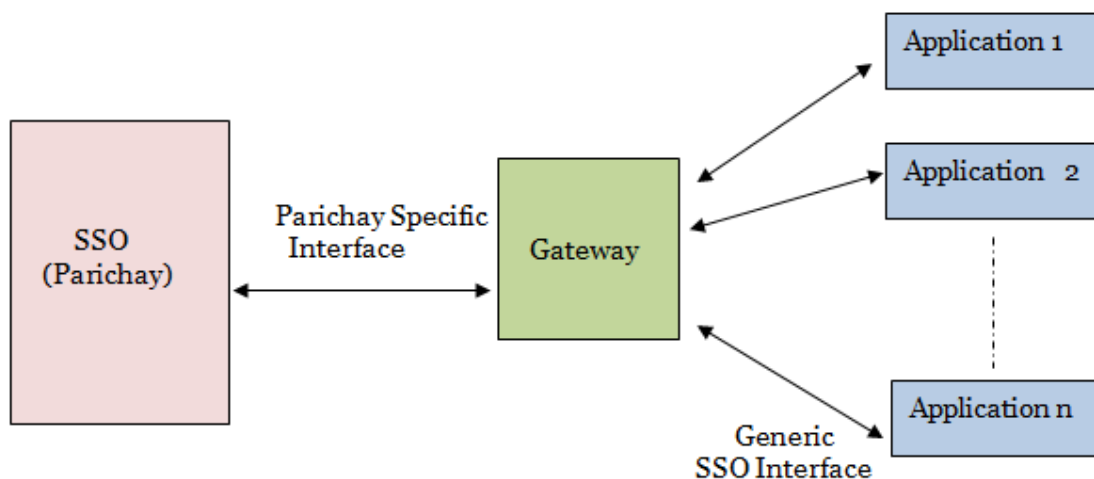
Project Deliverables

i.   Both Parichay specific and generic SSO interfaces need to be defined and implemented.

ii.   All documents (API, Integration etc.) based on the standard adopted (SAML, OAuth 2.0, Open ID etc.) should be submitted. This document will be vetted by KSITM.

iii. At least 5 services need to be on-boarded to the platform, for testing the utilization of API. The documents shall be updated based on the integration experience.

iv.   Technical support for a period of two years (Onsite as & when required)

Project handover and the release of payment will be done after the completion of the above tasks.