

# Hackathon

## Integration Guide

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### Integration steps

1. Clone repo from the github - [https://github.com/sludipilot/sliit\\_hackathon\\_sludi.git](https://github.com/sludipilot/sliit_hackathon_sludi.git)

Checkout to v1.0 Branch

### Frontend

1. Go to the frontend project and open **env-config.js** file (public/[env-config.js](#))

```
window._env_ = {
  ESIGNET_UI_BASE_URL: "http://localhost:4000",
  MOCK_RELIVING_PARTY_SERVER_URL: "http://localhost:8888",
  REDIRECT_URI_USER_PROFILE: "http://localhost:5000/userprofile",
  REDIRECT_URI_REGISTRATION: "http://localhost:5000/registration",
  REDIRECT_URI: "http://localhost:5000/userprofile",
  CLIENT_ID: "IIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAXp12l", //this key will be provided
  ACRS: "mosip:idp:acr:generated-code%20mosip:idp:acr:biometrics%20mosip:idp:acr:static-claims",
  SCOPE_USER_PROFILE: "openid%20profile%20resident-service",
  SCOPE_REGISTRATION: "openid%20profile",
  CLAIMS_USER_PROFILE: "%7B%22userinfo%22:%7B%22given_name%22:%7B%22essential%22:true%7D%7D",
  CLAIMS_REGISTRATION: "%7B%22userinfo%22:%7B%22given_name%22:%7B%22essential%22:true%7D%7D",
  SIGN_IN_BUTTON_PLUGIN_URL: "http://localhost:4000/plugins/sign-in-button-plugin.js",
  DISPLAY: "page",
  PROMPT: "consent",
  GRANT_TYPE: "authorization_code",
  MAX_AGE: 21,
  CLAIMS_LOCALES: "en",
  DEFAULT_LANG: "en",
  FALLBACK_LANG: "%7B%22label%22%3A%22English%22%2C%22value%22%3A%22en%22%7D"
};
```

2. Replace your team's CLIENT\_ID (**This key will be provided by ICTA for your group**)
3. Replace ESIGNET\_UI\_BASE\_URL and SIGN\_IN\_BUTTON\_PLUGIN\_URL

ESIGNET\_UI\_BASE\_URL = <https://sludiauth.icta.gov.lk>

SIGN\_IN\_BUTTON\_PLUGIN\_URL = <https://sludiauth.icta.gov.lk/plugins/sign-in-button-plugin.js>

4. Make sure REDIRECT\_URI\_USER\_PROFILE = <http://localhost:5000/userprofile> and  
MOCK\_RELIVING\_PARTY\_SERVER\_URL: <http://localhost:8888>

## Backend

1. Go to the backend project and open [config.js](#) file

```
module.exports = {
  ESIGNET_SERVICE_URL: process.env.ESIGNET_SERVICE_URL ?? "http://localhost:8088/v1/esignet",
  PORT: process.env.PORT ?? 8888,
  CLIENT_PRIVATE_KEY: {
    "p": "zDEuZuoiCi4PRRGtlvzyD_10uN5p2x85HLTOUH6920yblFaYnqUIDJK8njHGEgsYXGg6MQKtV_JEI-5q3nWZTEjkPw0V9tu3CB7-kHTEjwhFvwhfXfjywhIbrOK5JyePoSYQF",
    "kt": "RSA",
    "q": "t6eXcI9DDdebIDIXM56S06K3qVwoXjx00o5o273hheYt6BGAJlxuzS3IEKK3KVwcF7jfdTFXq6Po40l6trKuEPqddnnXlB6Fl081xsbg-1nYrP95YSffyyIfe3-zE4a9v1GoUg",
    "d": "MSdwUrKpYidnRG0mgB0VWch3t-gAbwvjZ3bfcRxGQPYa5PobIYE9pTHXRYr22p7x9QgAdkw0mkMSW8G98gs6v7F9R7byDlrZIPXk4jUFANGdesIRT2Oyjhhjye08BfRT6ZaggHXUf",
    "e": "AQAB",
    "use": "sig",
    "qi": "V-yeoIkbfcECjTiifYDQ89erRKgse35-JxDT_Yh402AlFILSnZRMNXVmpXprgYMC-5CqAAAN0J8gIUoAhKEYMphN-44qQY1aImaktIO5ZaqRwDZ__pLqswFbwOAZrvHj2lEe0c",
    "dp": "wPT9QcUZM7ua7I8q-_QKTWkrANW7gY4Y2nPzZnjf-27yRrcaggoEDkTYdDFUFMUCy_af0zZm1CzXCVJ4Z2W0R13f0URLhnazVUTRPRV1C3EocFrr6gEowFIT6Zbo-13h1Rajxv",
    "alg": "RS256",
    "dq": "GIO6Zz_4R2S8RDPrgmvdTygQyV9wj0VEAlwqDXLGF50uwoUKy4mv8Lk8qL1Ao-tBcv53hyDXoB_U9JKiFxnVc_s81LZdd-1uHoW1EVGABN1jq30zKuvlDmi3X3fhRww19TmY",
    "n": "knzVvjy-jSthNoslRgo11rH2tvjSQVthfKUNXFHTSge0ajI4hNpUwKGhglNB8TCto4W9LuF5uxqhZveIjz7_1gxT4G6QkxuYWF44sYaqwB10xMa889LO-hGho6wqrAH8lbi_0H7",
  },
  ESIGNET_AUD_URL: process.env.ESIGNET_AUD_URL ?? "http://localhost:8088/v1/esignet/oauth/v2/token",
  CLIENT_ASSERTION_TYPE: process.env.CLIENT_ASSERTION_TYPE ?? "urn:ietf:params:oauth:client-assertion-type:jwt-bearer",
  USERINFO_RESPONSE_TYPE: process.env.USERINFO_RESPONSE_TYPE ?? "jwt",
  JWE_USERINFO_PRIVATE_KEY: process.env.JWE_USERINFO_PRIVATE_KEY ?? 'ewogICJwIjogIjIjLWdNaVmxMejR1UFJBTESuQVj3dl9laG3sOWI3OXNfLWpteFcxaTdiMGZaTV9S',
};
```

2. Replace ESIGNET\_SERVICE\_URL and ESIGNET\_AUD\_URL

ESIGNET\_SERVICE\_URL = <https://sludiauth.icta.gov.lk/service>

ESIGNET\_AUD\_URL = <https://sludiauth.icta.gov.lk/service/oauth/v2/token>

3. CLIENT\_PRIVATE\_KEY = Replace the private key corresponding to the provided public key here.

Refer: <https://mkjwk.org>

Follow the below

Key Size	Key Use	Algorithm	Key ID	Show X.509	Generate
2048	Signature	RS256: RSA	Specify	No	

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Now You can run both frontend and backend.

## How to run the demo

Follow the README to run both projects