*This document contains information about integrating Lyfe SDK with NodeJS server or React JS app & using UI components of Lyfe in web or mobile apps using WebView.*

## Lyfe SDK

The Lyfe SDK is written in Typescript and can be used to integrate the NodeJS server or React JS app with the Lyfe server & Identity server.

The SDK generated by Blitzm is compressed in zip format contains, 1. lyfe-sdk-0.0.1.tgz has the core ts files to connect with Lyfe servers 1. Example directory containing examples on how to use SDK. File name index.ts 1. Grpc api technical documentation [grpc-docs-0.0.1.html](file:///C:\Users\ADMIN\Downloads\grpc-docs-0.0.1.html) file 1. This README file

### Installation

To install the SDK run in your npm project:

npm install ./lyfe-sdk-0.0.1.tgz

### Enviroment variables

To integrate with different environments of Lyfe Identity Server developers will require, 1. API key - Alpha-numeric string 1. Endpoint - URL of server

**NOTE: The API key & endpoint will be different for each environment.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Environment | Endpoint | API Type | API Key | Comments |
| Staging | staging.grpc.partners.app.lyfe.io | X-Api-Key | ysiV3JtwKJfHxaIXDTKjw8GeZbVt9oPe | AH access for testing and integration |
| Production | - | - | - | - |

### Endpoints

|  |  |  |  |
| --- | --- | --- | --- |
| Service | API Name | Is Authorization Required (Bearer token) | Is API Key Required (X-Api-Key) |
| Account | Login | No | Yes |
| Account | GetAccountDetails | Yes | Yes |
| Organisation | GetUserOrganisatonList | Yes | Yes |
| iFrame | ClientPaymentDetail | Yes | Yes |
| iFrame | ViewAppointment | Yes | Yes |
| iFrame | GetProvider | Yes | Yes |

## UI Components

The Lyfe UI components can be embedded into web applications & mobile apps. The UI components are using [iframe](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/iframe) element to render the Lyfe webpages.

Currently, 3 webpages are available to embed into applications for developers 1. Providers page - List provider services in a specific location 1. Manage payment details - Add/edit payment card details 1. View Appointments - Show upcoming and past appointments

### Integration

URLs for Lyfe UI pages, | Page | URL | Comments | Authentication | | —— | —— | —— | —— | | Providers page | http://${host}/iframe/providers/${locationId}?subjectId=${subjectId}#token=${token} | Book a session with a provider | Required | | Manage payment details | http://${host}/iframe/users/edit?page=ccards#token=${token} | User can add and edit payment details | Required | | View Appointments | http://${host}/iframe/users/appointments#token=${token} | User can check upcoming & past appointments | Required | 1. host - website address for Lyfe web application. Can be different depending upon environment 1. subjectId - Unique identifier for logged in user. 1. LocationId value can be retrieved from organisation.GetUserOrganisatonList endpoint 1. token - JWT token. To get the token developers will user to login. Token can be retrieved by endpoint account.Login

*NOTE: Instead of hardcoding iFrame URLs in mobile app. Devs can use iFrame API endpoint to retrieve iFrame embedded URLs*

### Integration

React native app - developers can use WebView to render the Lyfe UI components

import { WebView } from "react-native-webview";  
  
<WebView  
 source={{ uri: `https://us.booklyfe.com/iframe/user/appointments#token=JWT\_TOKEN` }}  
 onLoad={() => toggleLoadingState(false)}  
 startInLoadingState={isLoading}  
 renderError={ErrorContent}  
/>

To integrate the Lyfe UI components in the iOS or Android platform, developers can use native API for WebView.

## Credentials

The following are the test account credentials for our staging server:

|  |  |  |  |
| --- | --- | --- | --- |
| Environment | Type | Email | Password |
| Staging | Org Admin | nirav+staging\_athlete\_hub\_user@blitzm.com | XI9c6Ww6 |
| Staging | Provider | nirav+staging\_athlete\_hub\_staff1@blitzm.com | XI9c6Ww6 |
| Staging | Client | john.schneider@test.com | XI9c6Ww6 |