

aida

Technical overview

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Technical Overview

AIDA application is the frontend side of the AIDA platform. AIDA is available as both a native application or a progressive web application (PWA).

The native option is optimized for both iOS (Apple) and Android phones.

The PWA option is optimized for a variety of browsers and platforms. Due to its nature sitting on top of the browser stack, the PWA option carries certain limitation arising from lack of access to some core device functions.

There is also a web frontend.

Distribution & Onboarding

AIDA distribution methodology is optimized for:

- a) Smooth user experience
- b) Lowest barrier to install possible
- c) No or minimal integration effort for partner

Diagnose.me creates the distribution and onboarding strategy for the partner. The strategy is dependent on partner's sales and distribution channels. It includes marketing, remarketing, mailings, handouts, landing pages, and more.

The native option is distributed to end users via the relevant app stores.

The PWA option and the web frontend is distributed via a link. We use magic links where possible to ease user flow and experience.

Access Control & Limitations

The goal of AIDA access control protocol is as follows:

- a) Smooth user experience
- b) Lowest possible barrier for the user to start the interview

The overall philosophy is to rather allow access to a wider audience than make the user experience difficult by onerous access control.

Multiple devices

Multiple devices per user/account are generally permitted depending on partner's distribution strategy.

Branding & Localization

AIDA is fully brandable with no integration needed by the partner. Diagnose.me will implement partner's design philosophy and brand messaging. AIDA can be localized into different languages quickly.

Branding manual

At minimum, we require the following information:

- Font family
- Logo (png, svg format)
- Splashscreen design (png, svg format)
- Background color
- Text color
 - Default text
 - Form field hint text
- Selection elements
 - Selected element color
 - Unselected element color
 - Selected text color
 - Unselected text color
 - Selected icon color
 - Unselected icon color

Technical implementation

AIDA platform is accessible via API. Our APIs use common REST methodology with standard HTTP methods (like GET, POST, ...).

Authentication flow is handled via JWT (json web token) when token is sent via the HTTP header.

Frontend stack

Our frontend applications are implemented using the following technologies.

- Vuejs (vue-router, vuex)
- Ionic 4
- Custom BBCode and other parsers

AIDA Platform: Initialization and Authentication flow

Immediately after starting, applications need to call API verification endpoints. This process includes the following datapoints (depending on the option used).

partnerId: the ID of the end user

accountId: a unique user ID. Unique for each user.

deviceId: The app generates a deviceId, in the UUIDv4 format.

Partner: Partner identification. Value assigned by Diagnose.me.

API Modules

Main API modules:

- Authentication module
- Rewards module
- Coach module
- SMO module
- Symptom checker module
- COVID-19 module
- Life expectancy module
- Messaging
- Notifications