

Components

Component Name (.vue)	Services Used	Description
App	LoginService	The root component. Keeps track of if a user is authorized or not as well as if there have occurred any errors using a state variable.
LoginArea	LoginService RegisterService	Contains logic for switching between register and login states. Also using services to attempt both logging in a user and registering a new user.
LoginForm	None	Contains all form logic and validation for logging in.
RegisterForm	None	Contains all form logic and validation for registering a new user.
UserArea	UserService UpdateConnectionsService	Contains all the sections of the app when a user is logged in. Keeps track of if a user has connected to a third party service and has been redirected back to the app. Using services to get user information and to update third party connections.
HeaderSection	None	Contains a logo and a tab-system that switches between the dashboard, calendar and user settings. When a user is not connected to gymsystem it will not contain the tab-system but instead a logout button.
WelcomeSection	None	Only shown when a user logs in and has not yet connected to gymsystem, which is required to use the app Contains a button to reach ConnectGymssystemForm.
ConnectGymssystemForm	GymssystemService UpdateConnectionsService	Contains all form logic and validation for connecting a user to gymsystem. Also using services to contact both the gymsystem API as well as the backend API.
DashboardSection	UserService WorkoutService	Start page when a user logs in. Contains a bunch of boxes with statistics. Using services to obtain user steps and distance statistics from connected third party services as well as the time spent doing different types of workouts.
DashboardBoxDonutChart	None	Contains all logic and options for an echart donut chart component. Also contains functionality for showing a customized tooltip where all workout types that have been put in the "other"-category can be shown.
DashboardBoxBarChart	None	Contains all logic and options for an echart bar chart component. Also contains a DashboardBoxSwitcher.
DashboardBoxTotalDaily	None	Contains two spaces to show daily and total data. Also contains a DashboardBoxSwitcher.
DashboardBoxSwitcher	None	Provides the functionality of being able to switch between third party services data.
DashboardBoxSwitcherButton	None	Customized button used in DashboardBoxSwitcher

CalendarSection	WorkoutService	Page that contains all gymsystem and manually added workouts that the user has added in a calendar view. Using services to get all the users previously added workouts.
CalendarWeekSwitcher	None	Provides functionality to switch between weeks in the calendar view.
CalendarTitleBar	None	Provides titles to the information below in all the CalendarItems. Also contains a button to reach the CalendarAddWorkoutForm.
CalendarAddWorkoutForm	WorkoutService	Contains all form logic and validation for adding a new workout. Also uses services to obtain workout types to use as suggestions and to add the workout to the database.
CalendarItem	None	Contains the base to the two types of calendar items.
CalendarItemDate	None	A divider containing the date for following CalendarItemWorkout components.
CalendarItemWorkout	None	Contains all the information about a workout such as type, start- and end-time, location and description. Also Contains functionality to open and close description.
UserSettingsSection	None	Displays user email and username. Has buttons to that will redirect to third party services connection pages. Also contains logout button.
ErrorArea	None	Contains a simple error information to be displayed when a API request has responded with an unexpected status code.

Services

Service Name (.js)	Description
LoginService	Contains functions to attempt logging in a user, check if a user is already logged in as well as logging out a user.
RegisterService	Contains a function which attempts to register a user in the backend.
UserService	Contains functions to obtain user information (email, username, connections) as well as step and distance data.
WorkoutService	Contains functions that obtains a users workouts, all the workout types in the gymsystem and a users statistics on time spent doing different workouts. There is also a function which adds a user created workout.
GymSystemService	Contains a function which obtains user information from the gymsystem API.
UpdateConnectionsService	Contains functions which send new information regarding connected services to the backend. This includes gymsystem as well as third party services like google and fitbit.