

Two-day rule application

User Guide

# Description

The two-day rule is a web application used to track your habits. You can create any habits in the application. Important to reach your target every 48 hours otherwise the habit fails.

# Repository

The public repository is available on GitHub. URL: <https://github.com/kerstnerm/twodayrule>

# Demo

You can try the application by visiting <https://twodayrule-kerstner.web.app/> URL. You can register a new account. But there is a test user with test data.

Test user authentication data:

* email: [sample@user.hu](mailto:sample@user.hu)
* password: System\_1234

# Design and theme

The application is created for the web, but the design is responsive, so can be used by mobile also. It uses the system’s color scheme to decide whether to use the dark or the light theme.

# Install & start

Clone the repo, then use the npm package manager to install dependencies.

# npm install

Start application in localhost.

# npm run start

# Testing

Start unit testing with Jasmine framework on Karma runner.

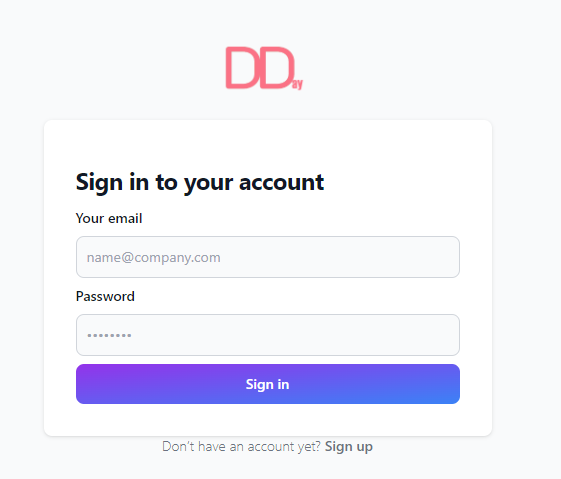
# npm run test

Start end-to-end testing with Cypress.

# npm run e2e

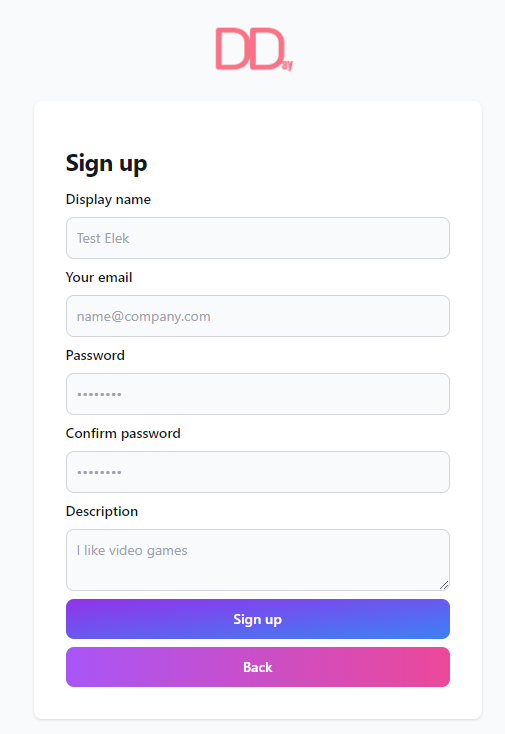
# Usage

You need to be logged in to use the app. When you first open the app then it redirects to the login page. There are two input fields: e-mail and password. There should be type of a registered user’s credentials.



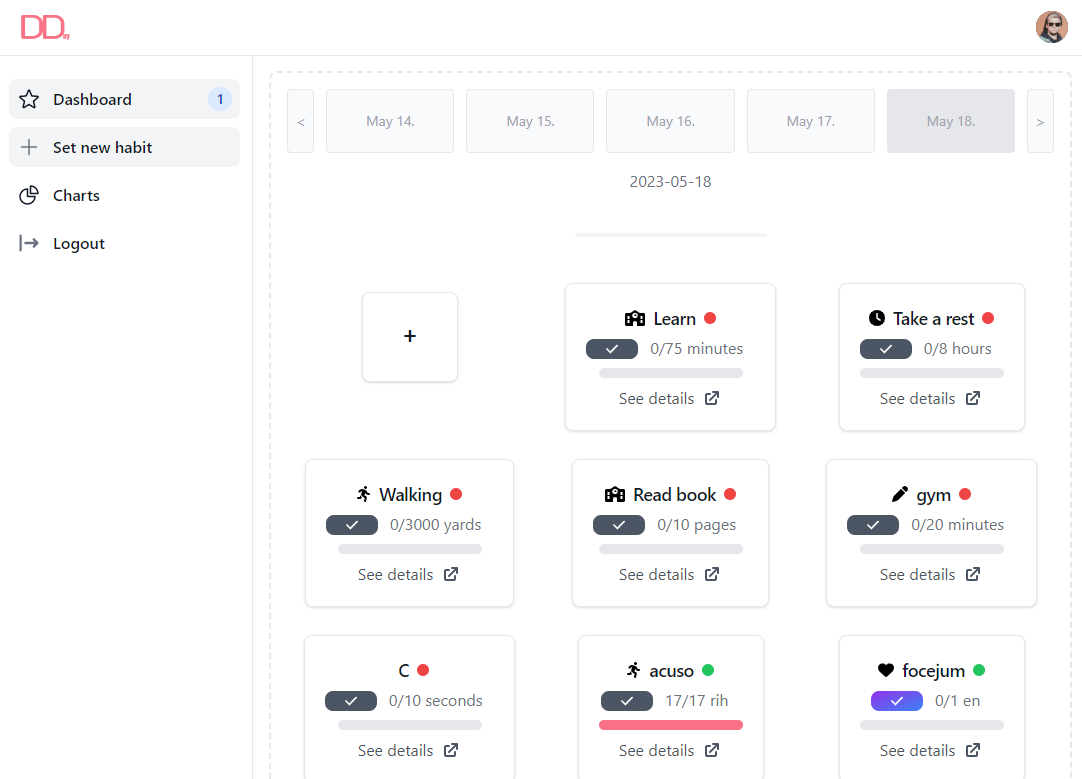
1. Figure Login page

Below the form there is a “Sign Up” label. It redirects to the register page by click on the label.



2. Figure Sign up page

You can register a new account by filling out this form. You have to type a display name, an email address, and a password with the confirmation password. The description is optional.



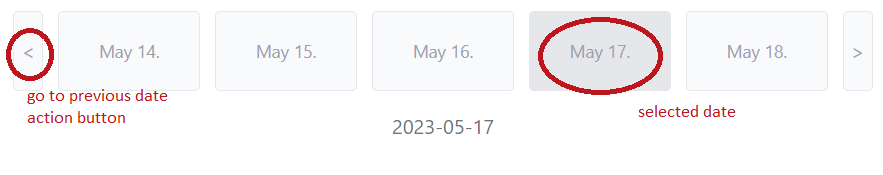
3. Figure Dashboard page

After login with a user, the application redirects to the dashboard page. The authenticated user can see the sidebar on the left. Where there are some navigation links like:

* Dashboard – Current page (the icon means you have *n* active not completed habits today).
* Set new habit – Add a new habit to your profile.
* Charts – See a diagram by selecting a habit.
* Logout – Logs the user out and redirects to the login page.

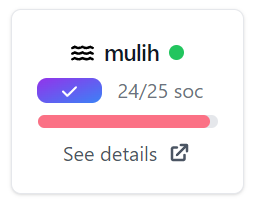
The topbar is also always displayed for the authenticated user. It contains the app logo and a dropdown for easy navigation or logout.

At the top of the dashboard component, there is a date selector where you can go to previous dates to select the proper date to see your habits history.



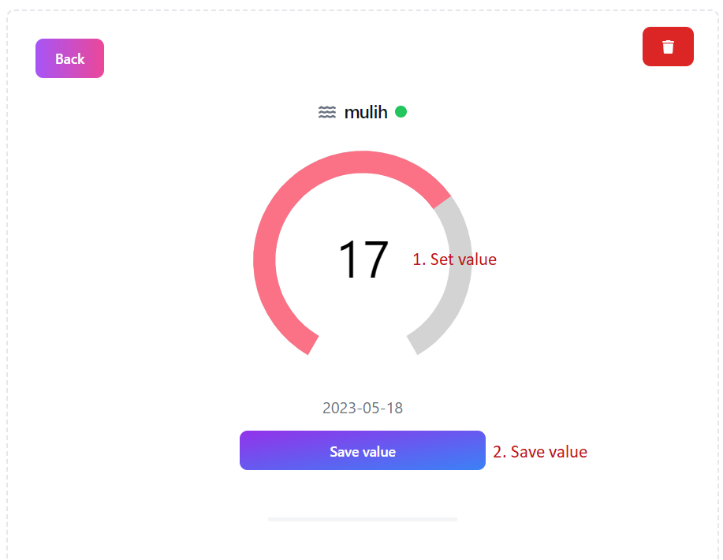
4. Figure Date selector component

Under the date selector, you can see your habits in cards. The name, status, progress in percentage, current value, target value and unit of a habit are displayed. A habit has two statuses: active and inactive. A status is inactive if you have not reached the target of the habit in 48 hours. Inactive status is marked in red, and active in red. If a habit status is active, you can increase its value by 1 using the button on the card. You can increase it by more values by a click on the details habit component. (See details link). Changing value is enabled for only the actual day!



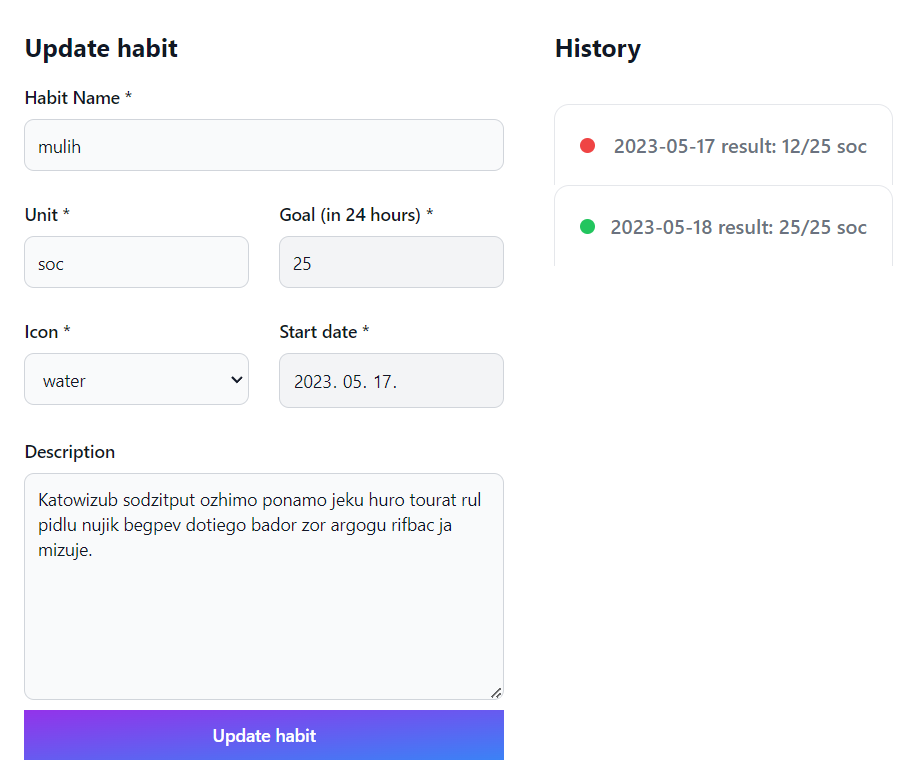
5. Figure Example of a habit

If you click on "see details" link, then you can see details of the selected habit. On top of the component, there is a “Knob element”. You can increase or decrease the current value of the habit.



6. Figure Knob element

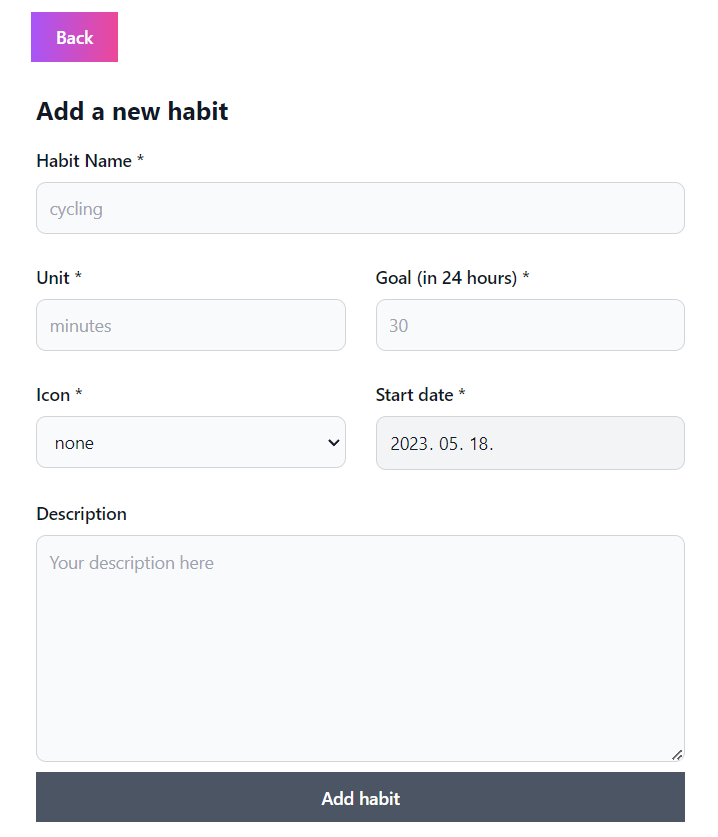
Below the knob element, there is a component that can be used to modify the main details of the habit, except the start date and the target value. Next to it, there is a history list for habit values.



7. Figure Update habit and history

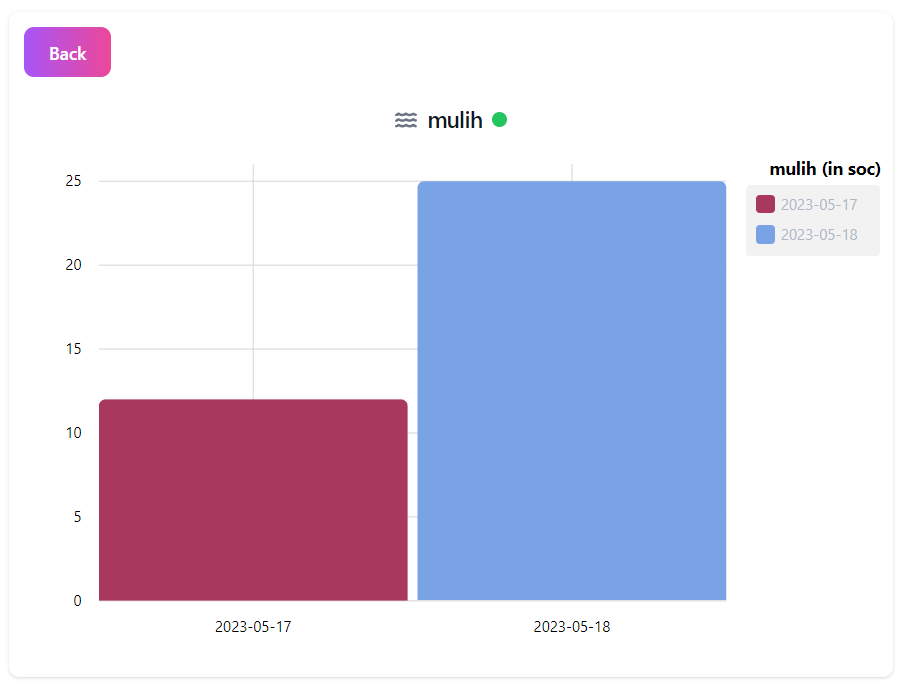
You can choose „set new habit” in the menu. It redirects to the component where you can add a new habit to your profile. You can set:

* Habit name as a string
* Unit as a string
* Goal as a number
* Icon from select option
* Start date field is disabled (today by default)
* Description field is optional



8. Figure Add a new habit

If you choose the “Charts” menu item, then you can select a habit and see its history in a diagram.



9. Figure Example of chart