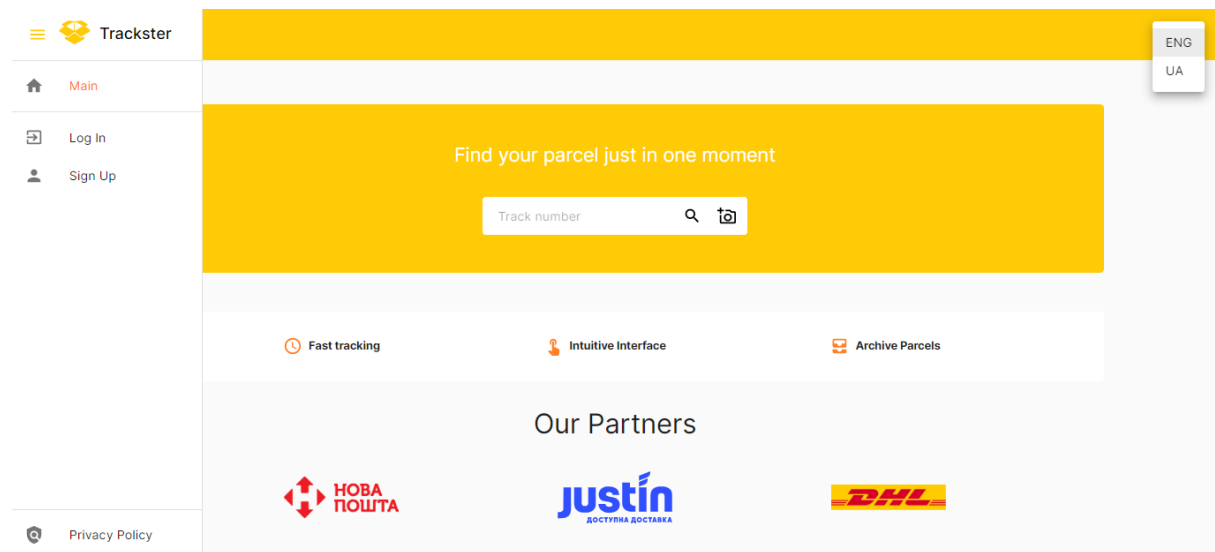


## Testing sequence for the site <https://ttrackster.herokuapp.com/> This is the site for tracking parcels



If smoke testing is successful, then I follow other types of testing.

### Verify “SEARCH” on the Main Page functionality

**Smoke:** Checking the search features (entering valid track number, pushing the key “Enter” or search icon, then pushing “Details”)

Checking the search features (scan QR-code with valid track number, push key “Enter” or QR icon, then push “Details”)

#### Functional

Navigate to the Main page. In the “Search” field, enter the parcel track number, push “Enter” or the search icon to start the search, and push “Details”)

Navigate to the Main page. Scan QR-code with track number, track number automation fills “Search” field, push “Enter” or QR icon for starting the search, push “Details”)

- Verify when I enter the correct track number, I see detailed information about the parcel: Origin, Destination, Weight, Delivery Cost, Cost, Department, and Status.
- Verify when I want to search my parcel by tract number but don’t fill in the field, the system shows the message “Nothing not found”
- Verify when I want to search my parcel by incorrect tract number, the system shows the message “Nothing not found”
- Verify when I want to search my parcel by scanning the incorrect QR code, the system shows the message “Nothing not found”

### Verify the “REGISTRATION (SIGN UP)” functionality

**Smoke:** Checking the Registration (Sign Up) page features (entering Email and password, pushing the “Sign Up” button, Email editing)

### **Functional**

Navigate to the Sign Up page. In the “Email” field, enter the email address of an unregistered user. In the “Password” field, enter the password. In the “Confirm password” field, reenter the password again. Push the “Sign Up” button.

If successful, go to the next page. If not – an error message appears.

- Verify that Submit button is clickable
- Verify that the Email, Password, and Confirm password fields have a valid placeholder
- Verify that entering blank spaces on fields leads to an error
- Verify the case sensitivity of the Email (that it works both ways – all Caps and small letters confirmed)
- Verify that the character limit of the password is based on the requirement
- Verify the validity of the email field by entering the incorrect email id
- Verify whether the password and confirm password are the same or not

### **Verify the “LOG IN” functionality**

**Smoke:** Checking the Login page features (entering Email and password, pushing the “Login” button. Push “Login with Google”, push “Login with Facebook”)

### **Functional**

Navigate to the Login page. In the “Email” field, enter the email address of a registered user. In the “Password” field, enter the password. Push the “Sign Up” button.

If successful, go to the next page. If not – an error message appears.

Navigate to the Login page. Push “Login with Google”. Select the registered Email and enter the password.

If successful, go to the next page. If not – an error message appears.

Navigate to the Login page. Push “Login with Facebook”. Select a registered Facebook account and enter the password.

If successful, go to the next page. If not – an error message appears.

Navigate to the Login page. Push the link “Forgot password?” Enter the correct email and push the “Send link” button.

Navigate to the Login page. Push the link “Sign up” and go to the Registration page.

- Verify that Submit button is clickable
- Verify that the Email and Password fields have a valid placeholder
- Verify that entering blank spaces on fields leads to an error
- Verify the case sensitivity of the Email (that it works both ways – all Caps and small letters confirmed)
- Verify that the character limit of the password is based on the requirement
- Verify the validity of the email field by entering the incorrect email ID
- Verify that the link “Sign up” is clickable
- Verify that the link “Forgot password” is clickable and user can reset the password
- Verify Log out

### **Verify the “My parcel's history” functionality**

If registration or login is incorrect, the system doesn't show anything.

If Registration or Log in successfully, the user navigates to the parcel's history and sees the list of parcels.

- Verify the list of parcels is displayed.
- Verify that the Status Parcels page has Post Company information and statuses of parcels.
- Verify filter parcels by status, service, and date.

### **Verify the “Change Profile Data” functionality**

If registration or login is incorrect, the system doesn't show anything.

If Registration or Log in successful, the user navigates to the parcel's history and can change profile data.

- Verify updated data of registered user: phone number and password.

### **Non-functional**

**Requirements:** the system should work where there are 100 users at the same time on the site.  
Response time 2 seconds.

#### **Performance**

Verify response time for all pages.

#### **Load - (points and distributed load)**

Verify the site works when 50 and 100 users visit sites and all search parcels, all registration, or all login.

Verify the site works when 50 and 100 users visit sites, and they don't do the same actions.

#### **Stress Testing**

Verify when we have 200 users on the site at the same time, the site will not crash, we don't lose data of registered users and new users see the stem message: “Server is overloaded, there is maybe 5 seconds loading delay, please wait”.

#### **UI**

- The logo leads to the main page of the site.
- No spelling or grammatical errors, and all pages have correct titles.
- Alignment of pictures, fonts, and texts.
- Informative errors, and hints.
- Tooltips exist for all fields.
- Padding between fields, columns, rows, and error messages.
- Buttons have the appropriate size, and color.
- There are no broken links or images on the site.
- The scroll should only appear when it is required.
- Correct language selection.
- The presence of placeholders in the fields.
- Pages don't lose data, buttons, or fields when the site is with different sizes of screen.

#### **Accessibility**

To verify the showing buttons and active field, it must be accessible from the keyboard, and the user must be able to use the site using only the keyboard.

### **Cross-platform testing**

Verify the search for parcels in browsers: Google Chrome/Safari/Firefox and OS Microsoft Windows/macOS

### **Localization**

Change the language and verify the translation of all elements of the WEB application based on the selected language. When translating the text, do not go beyond the buttons, the reader is not formed.