

# Applifting FullStack test - STFUANDCLICK.com

Your task is to implement a button clicking game called STFUANDCLICK.com. You should implement it in React/Redux on FE and Node.js/RubyOnRails in the backend (bonus points for the backend ;) ).

All instructions follow, and we hope all would be clear.

Good luck!

Applifting

"It's really simple, you just need to click as fast as you can."

- anonymous

Enter your team name:

Your mom

CLICK!

TOP 10 Clickers

	TEAM	CLICKS
1	Applifting	1 002 345
2	Filip	996 032
3	Mlask	96 843
4	Jakub	82 552
5	Prokop	65 535
6	Zuzka	60 223
7	Vráťa	25 005
8	Martin	22 152
9	Borec	13 123
10	CSP	5

Want to be top? STFU and click!

If you don't like this page, it's [Applifting](#)'s fault.

# Clicking for team **Prokop**

Too lazy to click? Let your pals click for you: [stfuandclick.com/prokop](https://stfuandclick.com/prokop)

CLICK!

Your clicks:

1 024

Team clicks:

65 535

	TEAM	CLICKS
2	Filip	996 032
3	Mlask	96 843
4	Jakub	82 552
5	<b>Prokop</b>	<b>65 535</b>
6	Zuzka	60 223
7	Vráťa	25 005
8	Martin	22 152

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## Front-end

- React/Redux single page app written in typescript
- You can start by looking at this repository <https://github.com/Applifting/react-redux-typescript> to see all the required technologies
- Implement the screens as described
- The page url when clicking for a team should be team specific (something like [www.stfuandclick.com/myAwesomeTeam](https://www.stfuandclick.com/myAwesomeTeam)) so that you are able to share it with your friends
- Pay attention to create good code structure and write clean, well documented code

## Back-End

You can either implement the RESFTUL JSON API BE yourself in Node.js OR RubyOnRails (Bonus points for that!) or use our own BE that lives on the URL <https://klikuj.herokuapp.com>

THE API IS AS FOLLOWS

GET leaderboard

GET https://klikuj.herokuapp.com/api/v1/leaderboard

Authorization Headers (1) Body Pre-request Script Tests

Key	Value
<input checked="" type="checkbox"/> Content-Type	application/
New key	value

Body Cookies Headers (6) Tests

Pretty Raw Preview JSON

```
1 [
2   {
3     "order": 1,
4     "team": "Applifting s.r.o.",
5     "clicks": 17
6   }
7 ]
```

Record a click

The screenshot displays a REST client interface with two main sections. The top section shows a POST request to the URL `https://klikuj.herokuapp.com/api/v1/klik`. The request body is a JSON object: `{ "team": "Applifting s.r.o.", "session": "random-string-here" }`. The bottom section shows the response body, which is a JSON object: `{ "your_clicks": 1, "team_clicks": 1 }`. The interface includes tabs for Authorization, Headers, Body, Pre-request Script, and Tests. The Body tab is selected, and the response is displayed in a Pretty JSON format.

Note that "session" parameter should be random string that is generated and stored in redux state each time you open the clicking page (so that we can track "your\_clicks" statistics)

## Other requirements

- Host code on Github in your account and provide us with a link
- Bonus points for deploying the service and frontend on heroku or other favorite cloud provider
- If anything is unclear, ask us through Github - create issue in your repo and assign/mention @vratislav