

PROJECT STORM

Team "NAME"

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1 General Information

1.1 System Overview

The STORM system enables users to build teams, from a list of subjects, by selecting a set of criteria. This will aid the users in such a way that the users do not have to build the teams manually, which may require a lot of time. The users can rather spend their time on analysing the results of each “Rocking the Boat” round to change the criteria for the next round more effectively.

1.2 System Configuration

1.2.1 Back-end

Refer to this section for information on the back-end part of the system. For example the part that will be hosted on the server.



The back-end of this system should be hosted on a server, as it is a relatively small system, and open source. It can be hosted on a fairly inexpensive server which runs on Linux.

Keep in mind that as the database grows, a bigger server will need to be integrated. This will be effortless as the system is designed to be scalable.

1.2.2 Front-end

Refer to this section for information on the front-end part of the system. For example the part that will be used by the bulk of the users to shuffle the teams on the web client.

For users to use the system, they only need a web activated device with a web browser.

The STORM system works best with Google Chrome, but can be used on all other browsers (The look and feel of the system might just be a bit more boring/basic when not used on Google Chrome).

1.3 Installation

1.3.1 Back-end

Refer to this section for information on the back-end part of the system. For example the part that will be hosted on the server.

What to install on the server:

Node.js

For this system to run on the server, Node.js has to be installed.

This is easily achieved by navigating to their website (<https://www.nodejs.org>) and clicking on install.

NPM

NPM must also be installed on the server. This can be achieved by going to their website (<https://www.npmjs.com/package/npm>) and following the easy instructions.

1.3.2 Front-end

Refer to this section for information on the front-end part of the system. For example the part that will be used by the bulk of the users to shuffle the teams on the web client.

Because the system is web based, it does not have to be installed on your device. Your browser might ask you to install Java if you do not have the appropriate version.

2 Getting Started

2.1 Back-end

Refer to this section for information on the back-end part of the system. For example the part that will be hosted on the server.

After the packages referred to in section 1.3.1 have been installed, run the following with command-prompt while in the 'src' folder.

1. npm install
2. node app.js

The “npm install” should automatically install all the dependencies on the server, as long as it has access to the internet. The “node app.js” will start the server, and connect to the database.

The system should now be up and running, and the user should be able to access it at the website chosen when the hosting package was set up.

2.2 Front-end

Refer to this section for information on the front-end part of the system. For example the part that will be used by the bulk of the users to shuffle the teams on the web client.

How to...

get a license?

As this is free software, there is no need to buy any licenses. To use this software, simply sign up for a Username on the website, Log In, and make use of the shuffling system.

get a User ID

To sign up for an account, and get a User ID, enter user details in the appropriate fields in the following figure.

Click on submit and the system will register the user in the database.

log in

To log in to an account, enter user details in the appropriate fields in the following figure.

Click on submit and the system will navigate to the user's specific team shuffling page.

change Username

”Place Holder”

change password

”Place Holder”

Welcome to STORM

STORM

Sign in

Don't have an account?
Sign up here.

Username:
Password:

Name:
Username:
Password:
Retype Password:

Sign Up Here!

Figure 1: Signing Up to STORM

Welcome to STORM

STORM

Sign in

Don't have an account?
Sign up here.

Username:
Password:

Sign In Here!

Username:
Email:
Password:
Retype Password:

Figure 2: Logging In to STORM

use the system as a guest

Guests to the system will be able to access the website, and navigate around to see what it is all about, without having to log in or register and start shuffling teams from the first foot in the door. To access this feature, just navigate to the homepage, and click on "See how it works" as indicated in the Figure below.

Welcome to STORM

STORM

Sign in

Don't have an account?
Sign up here.

Username:
Password:

Name:
Username:
Email:
Password:
Retype Password:

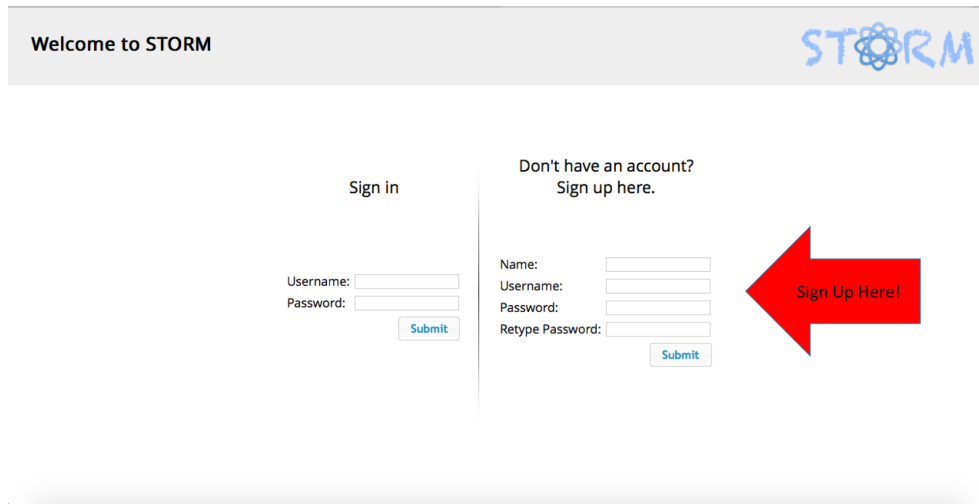
Home About Contact Us

Figure 3: Using STORM as a guest

3 Using the system

1. Sign Up

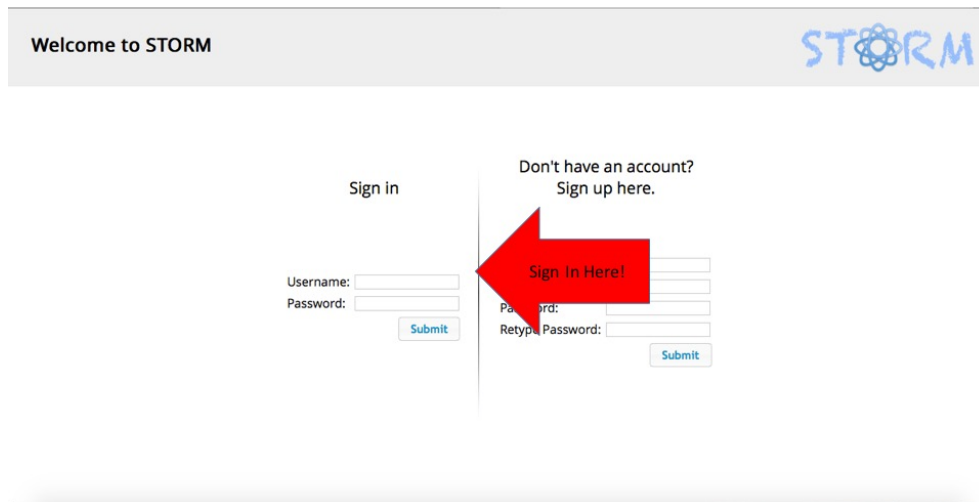
To Sign up, insert your details in the following box on our Home page. To sign up for an account, and get a User ID, enter user details in the appropriate fields on our Home page in the following figure.



Click on submit and the system will register the user in the database.

2. Login

To log in to an account enter user details in the appropriate fields in the following figure.



Click on submit and the system will navigate to the user's specific team shuffling page.

3. Log out

4 Troubleshooting

”Place Holder”