

Database and Web Services Group Project ~ jClub

Group 14

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Access URL: <http://clabsql.clamv.jacobs-university.de/~arsingh/>

Input Component

**Since some of the elements may not be trivial yet (because some elements not asked in this assignment have not been implemented yet), the TA could kindly contact our team for any inquiries.*

**We have implemented separate pages for the “Club” and “Student” account type, such that a club can add an activity through its website and the student can register for the activity through his/her website.*

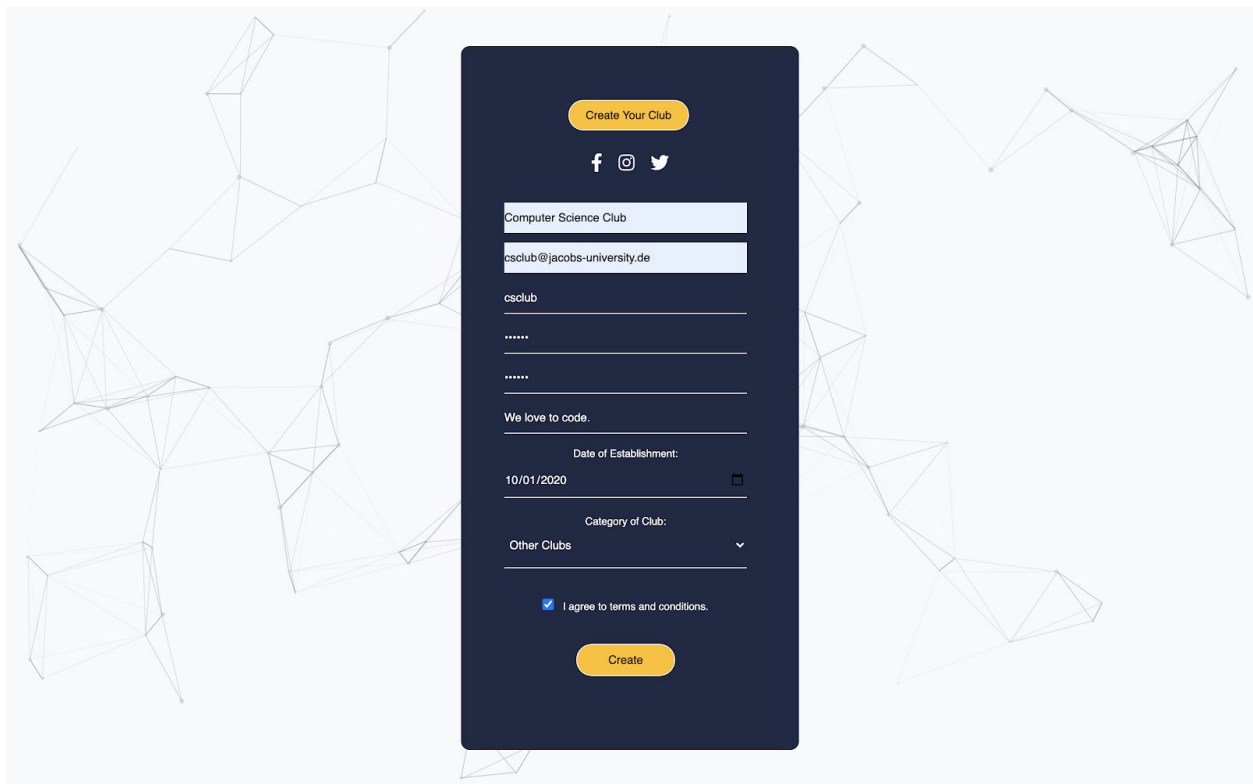
Input forms for user including targeted entity sets and relationship:

- SignUp Page
 - Entities: Student, Account, Permission
 - Relationship: Manages, Holds
 - When a student signs up through the signup page, the aforementioned three entity tables and the two relationship tables get automatically filled through the php script.
- Create Club Page
 - Entities: Club, Account, Permission, Activity
 - Relationship: Manages, Holds, Organizes
 - When a club logs-in by creating the club through our “Create Your Club” page, then he/she has the option to add an activity. When you add an activity, the “organizes” relationship table and the “activity” entity gets filled.
- Register for Club Page
 - *Note: This is only possible when a student logs in through his/her account*
 - Entities: Member (aggregated entity)
 - Relationship: Has, Register
 - We have made a trigger such that when a student registers for a club, the “register” table gets filled which fills the “has” relationship table. This “has” relationship is connected to the “member” aggregation, such that the “member” table also gets filled.
- Add Activities
 - Entities: Activity
 - Relationship: Organizes
 - When a club adds an activity, it is shown in the “Your Club Space” page.

(This can be accessed through the “Maintenance Page”)

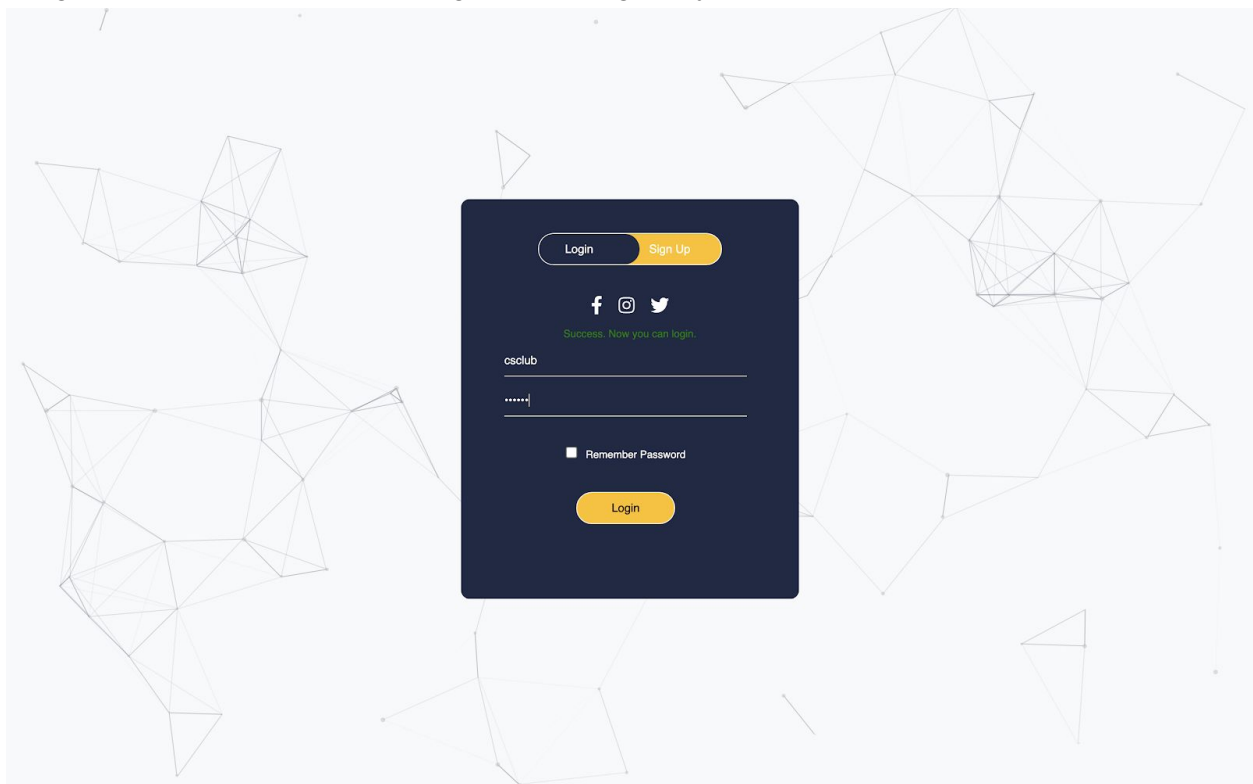
We have added step-by-step screenshots (below) of how the user may interact with the web-application for the TAs reference.

Create your club page.



A dark blue modal form titled "Create Your Club" is centered on a light gray background with a faint geometric pattern. The form contains the following elements: a yellow "Create Your Club" button at the top; social media icons for Facebook, Instagram, and Twitter; input fields for "Computer Science Club" and "csclub@jacobs-university.de"; a "csclub" username field followed by two password fields (each with a strength indicator "*****"); a "We love to code." section; a "Date of Establishment:" field with the value "10/01/2020" and a calendar icon; a "Category of Club:" dropdown menu with "Other Clubs" selected; a checkbox labeled "I agree to terms and conditions." which is checked; and a yellow "Create" button at the bottom.

We get a "Success" pop-up message. Then, Login to your club account.



A dark blue modal form for login is centered on the same light gray background. At the top, there are two buttons: "Login" and "Sign Up", with "Sign Up" highlighted in yellow. Below these are social media icons for Facebook, Instagram, and Twitter. A green success message reads "Success. Now you can login." Below this is a "csclub" username field and a password field (masked with "*****"). There is a "Remember Password" checkbox which is currently unchecked. At the bottom is a yellow "Login" button.

Your club space to manage your club.

Menu

Clubs

Imprint Page

Maintenance Page

Services

jClub

Welcome, csclubLogout

Your Club Space

Computer Science Club

Contact: csclub@jacobs-university.de
Club Category: Others

Club Description

Edit

We love to code.

Activities

[Add Activities](#)

Moderators

- Name of Moderator 1
- Name of Moderator 2
- Name of Moderator 3

Members

jclub

Find your favorite club!

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After pressing the “Add Activities” option. Note: Activity Time must be in the displayed format. Either ‘mandatory’ or ‘optional’ must be 1, and both cannot be 1 or 0.

Menu

Clubs

Imprint Page

Maintenance Page

Services

jClub

Welcome, csclubLogout

Activity Name

Coding Competition

Activity Location

Research Hall 1

Type

Education

Description

Participate in our codin

Activity Time

11:00

Activity Days

Tuesdays

Mandatory

0

Optional

1

Submit

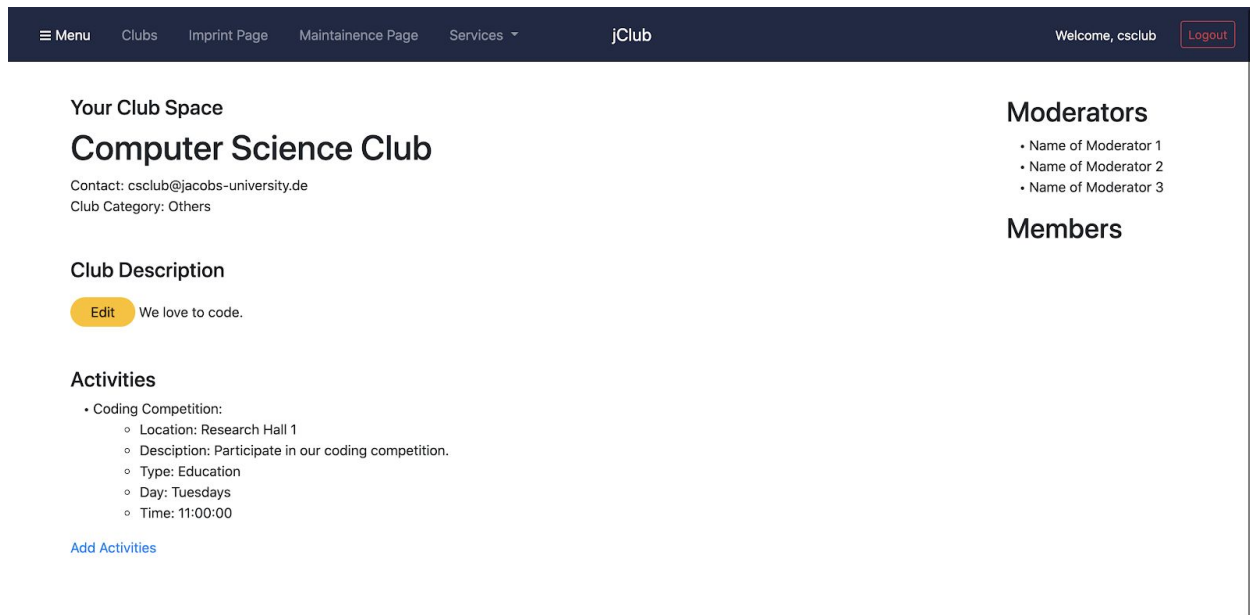
jclub

Find your favorite club!

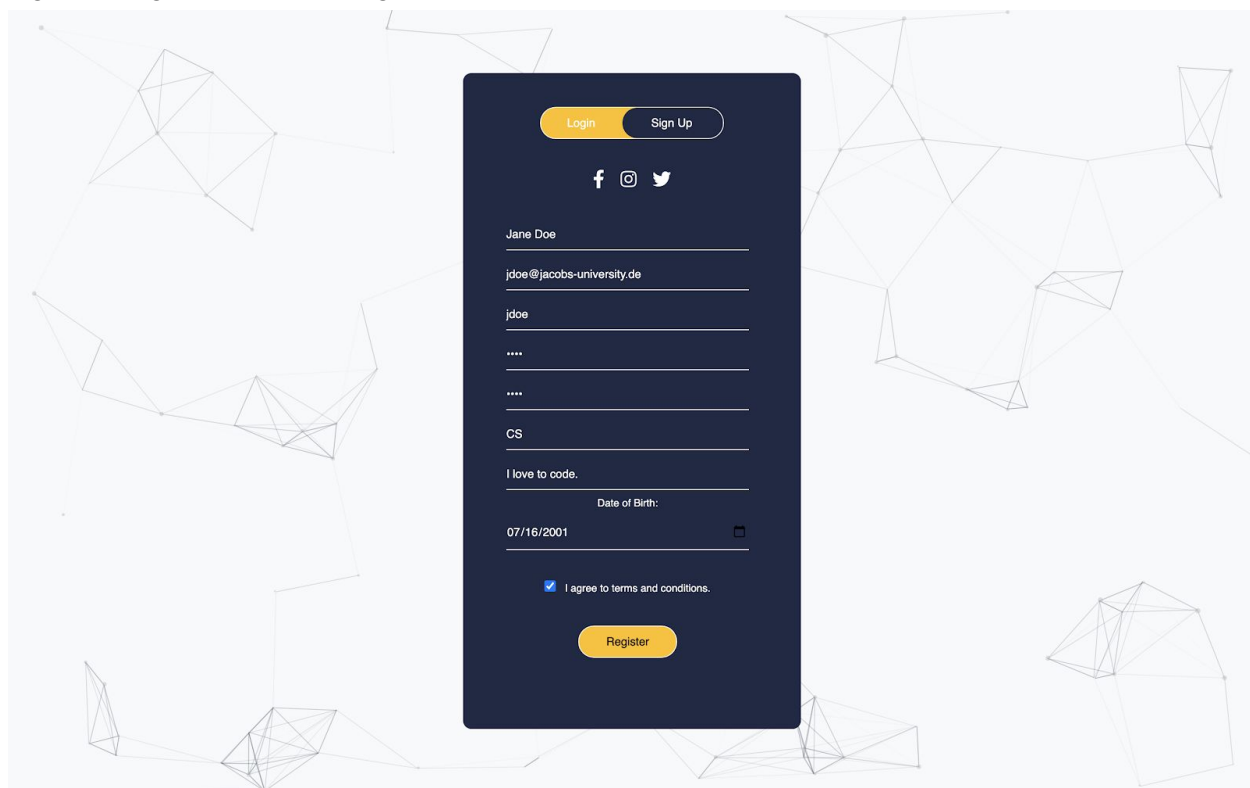
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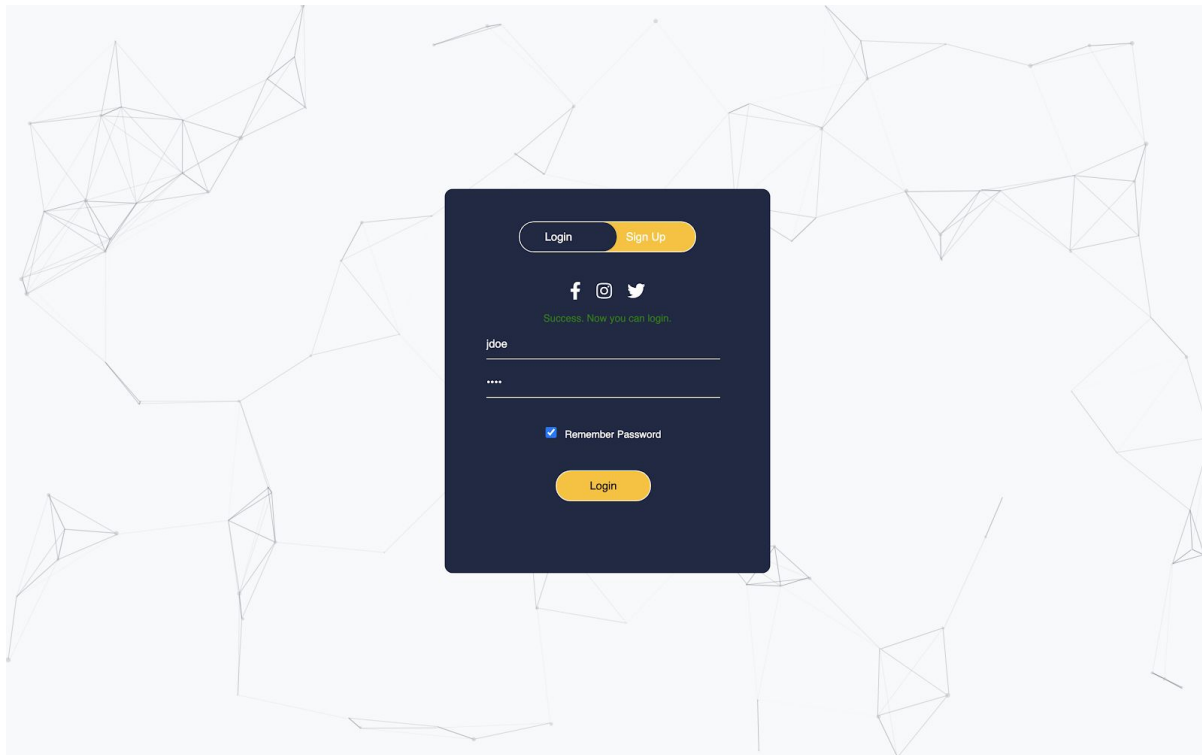
This is what the club sees through the club website when the activity is added.



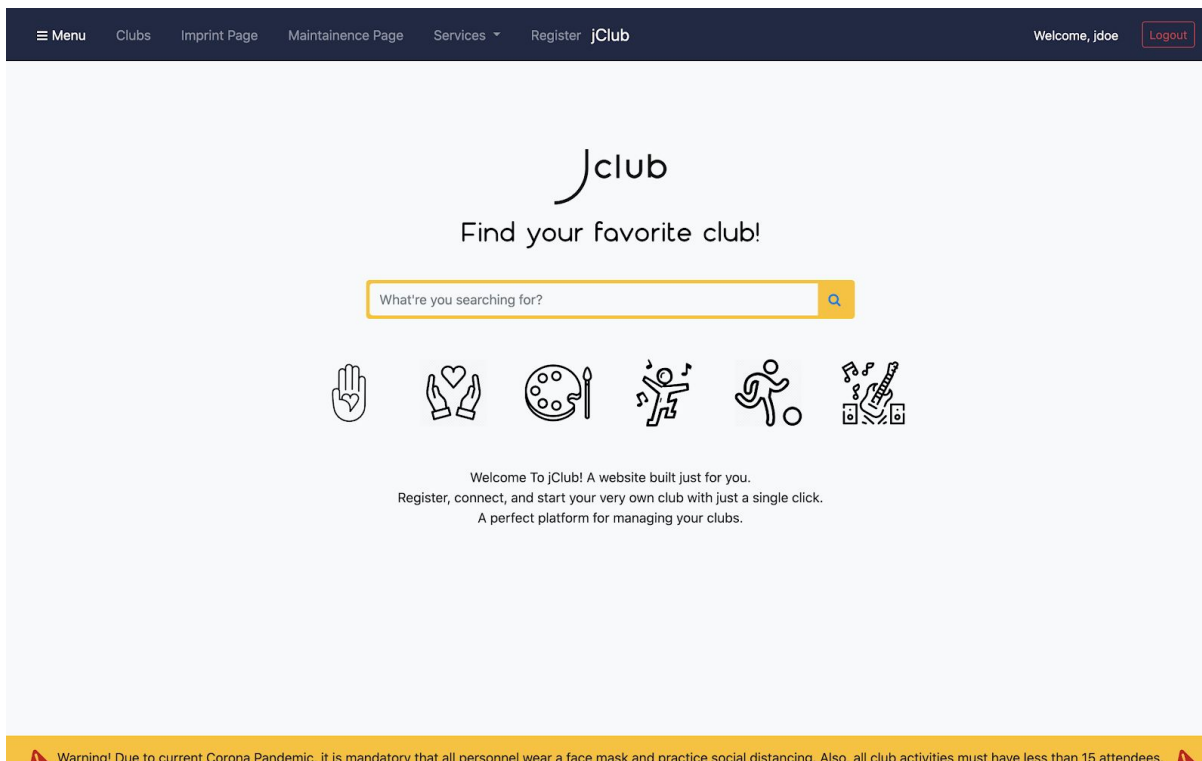
Sign Up page for a user to sign up for an account.



After a user signs up, he/she has to login.



After the user logs in, he/she will be presented with the landing page (with the welcome message on the top right).



After clicking on the “Register” option in the navbar, one can register for a created club.

MenuClubsImprint PageMaintenance PageServicesRegisterJClub

Welcome, jdoeLogout




Category of Club:
Computer Science Club Register

Jclub

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A “success” pop-up message after the user successfully registers for a club.

MenuClubsImprint PageMaintenance PageServicesRegisterJClub

Welcome, jdoeLogout

Category of Club:
Computer Science Club Register




Successfully registered.

Jclub

Find your favorite club!

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Now, when we login through the club “cs club”, we see the added member.

Menu

Clubs

Imprint Page

Maintenance Page

Services

JClub

Welcome, csclub

Logout

Your Club Space

Computer Science Club

Contact: csclub@jacobs-university.de

Club Category: Others

Club Description

Edit

We love to code.

Activities

Coding Competition:

Location: Research Hall 1

Description: Participate in our coding competition.

Type: Education

Day: Tuesdays

Time: 11:00:00

[Add Activities](#)

Moderators

Name of Moderator 1

Name of Moderator 2

Name of Moderator 3

Members

Jane Doe