

Final implementation report

Systems III - Information systems 2022/2023

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URL to git repository: <https://gitlab.com/sis31/sisprojectfinal>

I used Gitlab for this project and I cannot make it public. I took screenshots of the commits(bottom of document). I can show them to you also on the day of the examination.

URL to the demo video of all functionalities:

<https://youtu.be/lpViEELRgng>

URL to application: <http://88.200.63.148:3025/>

Used database: https://db4free.net/phpMyAdmin/index.php?route=/database/structure&db=sis3_89211034

- **DB name:** sis3_89211034
- **username:** lucasjak
- **password:** lucaslor

I used an external database, because the mysql database from the server didn't work in a proper way. The database I've created is the same as the one described on the seminar.

Functionalities:

1. The user can create his own account and register into the system by entering his name, username, email and password. The services that the application offers can be used just by registered users.
2. As written in the above the user must have an account. The user can log in with the username and password to be able to use the services like accessing all the information about the different teams and sport surfaces.
3. The systems allows the user to select the sport he prefers between football, basketball and volleyball. Everytime he selects one sport, the sport surfaces regarding that sport will appear visible to him.
4. A user can create and insert a new surface into the system by giving its general information as the surface description, the name of the location, the latitude and longitude values of the location and the sport.

5. The user is able to see all the teams that are currently available and is allowed to enter inside a team. The user has also the opportunity of creating a new team by entering the name of the team and the number of players. A team cannot have more than 15 players.

List technologies that were used and highlight why you chose them:

I used React Native and NodeJS for each functionality. On the second part of the tutorials I really got interested into React Native, so I decided to continue the work that I've done on the tutorials and personalize as I wanted. Besides of that I already used (briefly) React and NodeJS in the HCI elective course.

Highlight the most difficult part of implementation and argue why this was the case:

The most difficult part was actually understand and correct the errors that I collectes during implementation, since React Native is quite similar to HTML and JS but at the same time very different. I got into problems when "executing" different queries (INSERT, UPDATE, etc) on multiple different database tables.

Instruction for use:

I tried to make the user interface to be understandable and easy to use. On navigation bar above all the "views", when logged in it appears a button with current user, but when clicked it does nothing. The demo video was taken on my cell phone that's why it seems that the buttons are not clicked.

GIT COMMITS:

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Pipeline failing? To keep GitLab spam and abuse free we ask that you verify your identity. Until then, shared runners will be unavailable. Validate your account or use your own runners.

Sis3 > SisProjectFinal > Commits

main sisprojectfinal

Author Search by message

May 25, 2023 - 1 commit

Application fully working. Last steps of implementation remaining

Lucas authored 1 day ago

627e85b6

May 24, 2023 - 1 commit

Application fully working. Error pop ups added

Lucas authored 3 days ago

7d4d464b

May 23, 2023 - 1 commit

Functionality of entering a team now working. Functionality of creating a new surface also working.

Lucas authored 3 days ago

cee9d7ca

May 20, 2023 - 1 commit

Surface creation still has errors. Axios issue while entering a team

Lucas authored 6 days ago

e49db471

May 19, 2023 - 1 commit

Sport selection working

Lucas authored 1 week ago

8897ff93

May 18, 2023 - 1 commit

Selection of sport still not working. Version of code with multiple axios requests

Lucas authored 1 week ago

26eb53ce

May 17, 2023 - 2 commits

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















































Monitor

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Snippets

Settings

 Working on sport selection; Error on changing state from another view Lucas authored 1 week ago		<div>529b5f585</div> <div></div>
 Surface representation template works. Redesigning needed. Work to do on AddSurface Lucas authored 1 week ago		<div>c9fcc7c6</div> <div></div>
May 10, 2023 - 1 commit		
 Login function completed. Surface creation in progress(database problem) Lucas authored 2 weeks ago		<div>57747f9f</div> <div></div>
May 06, 2023 - 1 commit		
 Function for adding a team Lucas authored 3 weeks ago		<div>27ad2a3e</div> <div></div>
May 03, 2023 - 1 commit		
 CreateTeam-template added. AddSurface-template added. Lucas authored 3 weeks ago		<div>a056f7b6</div> <div></div>
Apr 26, 2023 - 1 commit		
 Changing style of login/signup templates Lucas authored 1 month ago		<div>25fac21f</div> <div></div>
Mar 26, 2023 - 1 commit		
 IS application pattern finished. Ready to be personalized Lucas authored 2 months ago		<div>52eaa967</div> <div></div>
Mar 18, 2023 - 1 commit		
 Joining the front-end with the back-end Lucas authored 2 months ago		<div>bda1f93d</div> <div></div>
Mar 14, 2023 - 1 commit		
 Setting Repo up to date Lucas authored 2 months ago		<div>1ba43ca1</div> <div></div>
Mar 09, 2023 - 1 commit		
 back-end foundations done. DB connection Lucas authored 2 months ago		<div>d9b7b830</div> <div></div>
Mar 08, 2023 - 4 commits		
 Database connection. PROBLEM - error with access Lucas authored 2 months ago		<div>c717b21d</div> <div></div>
 Modules installed Lucas authored 2 months ago		<div>eaafc2ccc</div> <div></div>
 Preparing repo Lucas authored 2 months ago		<div>e49f2cff</div> <div></div>
 Initial commit Lucas Jakin authored 2 months ago		<div>7ae4756b</div> <div></div>