



NOVA SCHOOL OF
SCIENCE & TECHNOLOGY

Interação Pessoa-Máquina

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SportMeet

Stage 6: Evaluation Results and presentation of the
final project

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Problems

Number 1:

Problem: “When I start typing in one register field, all the other fields turn red. ”

Feedback response: This was not an issue initially but for some reason (some changes in the code) this problem re-appeared.

Solution: Do this verification after the user finishes filling that field and when the user clicks on the “Sign up” button.

Number 2:

Problem: “When registering a user, after filling all fields with a red warning and trying to sign up, nothing happens, and the system doesn’t tell why.”

Feedback response: We didn’t have all the form fields that we have currently in the register page, and because of that we forgot to add the verification for the most recently added fields.

Solution: Implement the verification for all fields.

Number 3:

Problem: “It’s possible to create a new property without filling the empty fields, only the location. “

Feedback response: We did not have time to polish the form field validation and verification on the field registration page.

Solution: Implement the fields to be mandatory and add validation.

Number 4:

Problem: “The “backwards” button place is different in the profile page compared to the others. “

Feedback response: In the previous report, it was mentioned that this page was out of scope for the previous stage.

Solution: Keep the standards when implementing this page.

Number 5:

Problem: “The messages tab is empty but gives us no information making the user confused if it is a bug or if he has no messages”

Feedback response: It was something that escaped us, we only tested this page when there already were friends in the friends list.

Solution: When no possible chats exist, implement a toast/dialog message stating that the users has yet to add friends to be able to chat with them.

Number 6:

Problem: “The profile page has variables with their name unpolished (example: FavFields)”

Feedback response: In the previous report, it was mentioned that this page was out of scope for the previous stage.

Solution: Take this feedback into consideration when implementing the page, use real world naming conventions

Number 7:

Problem: “In the field details page, everything seems to be in bold, making it hard to know which information is relevant.”

Feedback response: This page is somewhat unpolished due to issues that arises from creating a field (the schedule was not working properly and the lack of images), but we plan on making this page similar to the reservation details page.

Solution: Remove bold from data that is not so important. Implement hierarchies in the page.

Number 8:

Problem: “At the start of the app, the theme is blue and when trying to see the field details and create reservations, the theme changes to red.”

Feedback response: Two colors were supposed to be used in the app, blue when the user was a field owner and red when the user was a normal player. These colors get mixed in these pages, when the user is an owner.

Solution: Review the background color of these pages, when the user is an owner.

Number 9:

Problem: “In the “About us” button, when pressing it, nothing happens making the user confused whether it is an error of the system or if it isn’t implemented.”

Feedback response: This feature was out of scope, but we forgot to mention it in the report. This feature will not be implemented.

Solution: Remove the button and the page.

Number 10:

Problem: “The app is both in English and in Portuguese. In the Meet page, every information is in English but when you try to Add Friend, its written in Portuguese. “

Feedback response: We need to dismiss our translator.

Solution: Fix the labels on the buttons, should be in english.

Number 11:

Problem: “There are reservations from a past date that are still available, and I can join them. “

Feedback response: This is static data, inserted in our “database”.

Solution: Implement a method to delete games that were already finished.

Number 12:

Problem: “Missing error message adding the same friend twice”

Feedback response: Our backend deals correctly with that behavior, when the same friend more than one time, it doesn't change anything in the database. But we indeed forgot to deal with that issue in the frontend.

Solution: We agree with the proposed solution by the evaluators, we can either remove completely the option to add a friend after one initial friend request by dynamically changing the add friend button to a unfriend / remove friend, or we could just add a popup or a scaffold bottom screen notification (to maintain consistency) warning that the user already added that one friends to his friends list.

Number 13:

Problem: “Go back to main page unauthenticated”

Feedback response: This issue derives from the fact that the application is supposed to be a mobile application and running it on a web browser the back button essentially works as a back button on a mobile, meaning that it will return to the previous screen that was shown (unpop the context), additionally this also is related to the fact that we do not have a fully implemented backend with cookie validation and invalidation. The bypass this by using a flutter library that allows to maintain session information locally (which works for mobile devices).

Solution: The solution to this problem is simple but complex at the same time, given that we will have to implement the whole backend logic for that, but essentially the solution would be to create a cookie (with a arbitrary lifetime) on user login and save it the database or cache, validate that cookie periodically or when changing pages/screens, and when the user would press logout that cookie would be invalidated in database or cache. With this when the user would press the back button and go back to the home page, it would check the cookie validity, confirm it is invalid and redirect the user to the login page.

Number 14:

Problem: “Unordered and unsearchable list”

Feedback response: We don't fully agree with the severity of that problem, but we recognize that issue. This issue was due to the limited time and originated from testing the application, in our database we have a table that is “Sports” where we save all the available sports in the application. During the creation of that table we just filled this table randomly and moved on, so what happens is that when we fetch that table it just displays the sports in the order that we placed them in that table.

Solution: We partially agree with the proposed solution, we indeed should fetch the table and display the sports in an ordered fashion (alphabetically or by category), but the search bar is not our visioned solution for this. We plan on implementing a filtered dropdown list with autocomplete (which is similar to a search bar, if that is what the evaluators meant by it).

Number 15:

Problem: “Options not shown in the register page”

Feedback response: We do agree with this problem and we initially didn't had this problem because the selected options would actually appear under the field, but that feature was removed because if a user opted to select a lot of option (for example, more than 10 sports or all days of the week as availability), all those options would automatically appear under the field and stretch the page, making half of the register page just as the selected options. We had planned to fix this but we got sidetracked by other tasks.

Solution: We understand the proposed solution, and it would be a viable option. But we already had a solution in mind, that solution would be, when options are selected in those fields that can have multiple options, we will underline the field name with some eye catching color, and if the user would press that field name or just hover the pointer over it (this solution is not viable for mobile applications, but given that we tested it on web we can use it) a tooltip would show up displaying the selected options.

Number 16:

Problem: "Error message isn't in plain language"

Feedback response: The reservation page was kind of rushed so we didn't have much opportunities to polish it therefore that problem. We agree that this issue should be fixed, but we slightly disagree with the severity rating of that issue, it is not that severe and easily fixable.

Solution: We will apply the proposed solution and make that error message understandable to all users. By showing a scaffold saying "Please fill out the fields" or something similar to that.

Number 17:

Problem: "No information relative to sent messages"

Feedback response: This issue is not something that we overlooked but, more something that we did not have enough time to fully implement and polish, because of the scope of our application. We do agree that the messages should display some additional information like time and date of the message in the message page (when talking with other users), we planned to add this eventually and our message datatype supports that future implementation, given that we save the timestamp of each message. Right now we do display the information about the messages, but only in the chat page where the logged user can see his active chats and the last

message in that chat (that message does display the date and time, but still not formatted properly).

Solution: As the evaluators proposed we will show the time of every message, but regarding the date we will group the messages by date (for example all the messages exchanged yesterday will be displayed under a label “yesterday”) similarly to whatsapp or other popular communication apps.

Number 18:

Problem: “Visible password in profile page”

Feedback response: We do agree that having the password displayed and visible in any part of an application without a toggle button is a critical issue and should never happen. But we also mentioned in our report that the profile page is not complete, and we will fully rework that profile page. Right now our profile page just displays all the raw user information saved in the current session. Obviously this will not be the case when the application will be released.

Solution: The proposed solution is indeed the correct approach to this issue, but as we said, this profile page will be fully reworked.

Number 19:

Problem: “Able to join event that user was already in”

Feedback response: We disagree with this problem, at least partially, because when a user tries to join a reservation/event that he have already joined, a scaffold saying “You have already joined this reservation” shows up and nothing happens (there is no change in the state of the page or event), and additionally the user can abandon a reservation in the reservation page, that is accessible from the home page. But this issue made us realize that we should find a way to signalize the already joined reservations in the fields page so that the users don’t click and join the same reservation twice due to confusion or forgetfulness.

Solution: While we do not agree with the problem itself, we found a better solution and easier solution to it, that involves just flagging the already joined reservations in the fields page. Which can be done by just displaying the “Already registered” label with green lettering in the reservation cards, and change the displayed popup when

clicking that reservation to something like “You already have joined this reservation, do you want to abandon it”.

Number 20:

Problem: “Join own reservation”

Feedback response: This is not true, at least in our machines. When a reservation is created the user that created the reservation is automatically added to the joinedUsers field in the reservation datatype, meaning that if a user creates a new reservation and tries to join it the same warning message as joining an already joined reservation shows up.

Solution: This issue is not really observable in our machines, so we can’t even fix it.

Number 21:

Problem: “Too much color red/blue in the profile page”

Feedback response: As mentioned previously the profile page is not complete, and will have a full on rework.

Solution: Rework in the profile page.

Number 22:

Problem: “No error message in the add image button”

Feedback response: We also mentioned in the application report that the photo upload feature is missing, we indeed could have added an error popup stating that the feature was still not implemented.

Solution: Implement that feature.

Number 23:

Problem: “Two reservation at the same time”

Feedback response: This problem is indeed severe and something that we overlooked. We fully agree on this problem and fixing this will be our top priority.

Solution: The suggested solution is in fact the way to fix this problem.

Nota:

We forgot to mention that the app was intended to be run in mobile mode (F12 and click on the small device icon).