CS424 HCI: Mini-Project (Heuristic Evaluation)
Instructor: Dr. Jayashree R

Heuristic Evaluation of [TeamFinder]

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Evaluator #C: Meghana Gowda

1. Problem

TeamFinder is a web app that aims to help users find a suitable team for projects by themselves conveniently.

2. Violations Found

1. [H2-1 Visibility of Status] [Severity 3] [Found by: A]

After creating a team,user is not shown with a confirmation message,which makes user worry if the team has been created or not and not trust the system.Fix: Popup showing confirmation of team creation

2. [H2-1 Visibility of Status] [Severity 2] [Found by: B]

The title of each page is not highlighted which makes the user strain his eyes looking for the current page. Fix:Use better font and size.

3. [H2-2 Match Between System & Real World] [Severity 2][Found by: A and B]

In the create team page,the abbreviation of subject name leads to confusion among users,which makes them look around for full-forms.Fix:We replaced them with full-forms.

4. [H2-3 User Control & Freedom] [Severity 3] [Found by: B, C]

The user can't edit the team once they create. Initially, the users would be allowed to replace their teammates until the date announced by the department.Fix:Add an edit team page which would allow users to edit the team.

5. [H2-3 User Control & Freedom] [Severity 3] [Found by: A, B, C]

The user should be able to take back requests after being sent, in case he/she changes his/her mind. This can be very important so that other teams don't accept this user because he/she might have already found a team.Fix :allow "cancel request" button.

6. [H2-4 Consistency & Standards] [Severity 2] [Found by: B, C]

The color scheme in different pages are completely different,which might throw the user off.The button scheme is different in various pages.Fix:follow a uniform color and button scheme.

7. [H2-7 Flexibility & Efficiency of Use] [Severity 2] [Found by: A, B]

When a page there can be a 'Back' button to take back to the previous screen. This must be added to all the tabs so as to ensure consistency across them.

8. [H2-7 Flexibility & Efficiency of Use] [Severity 2] [Found by: A, B]
If a user has many teams under the `My Teams` we might have to scroll potentially bottom to find the required team. A search option in this tab would be very helpful to those who have many teams listed in this tab.

9. [H2-6 Recognition rather than recall] [Severity 1] [Found by: B]
Back button in create team page and search teams page was being overshadowed by background image.This would make the user search for the back button.Fix:Change bg image/color scheme

10. [H2-8 Aesthetic & Minimalist Design] [Severity 1] [Found by: A]
In Create Teams form the text fields are haphazardly arranged which makes user annoyed and distracted from filling the text fields.Fix:align the text fields.

11. [H2-5 Error Prevention] [Severity 3] [Found by: C]
When Cancelling a request,confirmation would be needed,user might cancel un intentionally,Fix:a popup dialog asking for confirmation would fix.

3. Summary of Violations

Category	# Viol. (sev 0)	# Viol. (sev 1)	# Viol. (sev 2)	# Viol. (sev 3)	# Viol. (sev 4)	# Viol. (total)
[H2-1: Visibility of Status]			1	1		**2**
[H2-2: Match Sys & World]			1			**1**
[H2-3: User Control]				2		**2**
[H2-4: Consistency]			1			**1**
[H2-5: Error Prevention]				1		**1**
[H2-6: Recognition not Recall]		1				**1**
[H2-7: Efficiency of Use]			2			**1**
[H2-8: Minimalist Design]		1				**1**
[H2-9: Help Users with Errors]						
[H2-10: Documentation]						
Total Violations by Severity		**2**	**5**	**4**		**11**

4. Evaluation Statistics

Severity / Evaluator	Evaluator A	Evaluator B	Evaluator C
sev. 0			
sev. 1	1	1	
sev. 2	3	5	1
sev. 3	3	2	3
sev. 4			
total (sev. 3 & 4)	3	2	4
total (all severity levels)	7	8	4

5. Summary Recommendations

Evaluator A: Focus more on aesthetics ,color scheme of the different pages.Make color schemes consistent such that the pages give a familiar feeling .

Evaluator B: user control and consistency and can be improved.Cancel request and confirmation of team creation gives user more control.Consistency between different pages is needed.

Evaluator C: Error prevention can be implemented in two places,when canceling a sent request and deleting a team.This gives users more control and better error prevention.Aesthetics and can be improved and consistency can be improved between different task flow.

Severity Ratings

0 - don't agree that this is a usability problem
1 - cosmetic problem
2 - minor usability problem
3 - major usability problem; important to fix
4 - usability catastrophe; imperative to fix

Heuristics

[H2-1: Visibility of System Status]
- keep users informed about what is going on

[H2-2: Match Between System & Real World]
- speak the users' language
- follow real world conventions

[H2-3: User Control & Freedom]
- "exits" for mistaken choices, undo, redo
- don't force down fixed paths

[H2-4: Consistency & Standards]
- uniform interface /color scheme

[H2-5: Error Prevention]
- ask for confirmation when cancelling/deleting

[H2-6: Recognition Rather Than Recall]
- make objects, actions, options, & directions visible or easily retrievable

[H2-7: Flexibility & Efficiency of Use]
- accelerators for experts (e.g., gestures, kb shortcuts)
- allow users to tailor frequent actions (e.g., macros)

[H2-8: Aesthetic & Minimalist Design]
- no irrelevant information in dialogues

[H2-9: Help Users Recognize, Diagnose, & Recover from Errors]

[H2-10: Help & Documentation]