Inspector: Zihan Xu, Team 43
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Screen	Problem Indicated	Criteria	Notes
Registration page	Leaving a field empty generates a backstage NullPointerException but does not provide the user with any error message	*Visibility of system status*	It would be nice to have a way to display error messages like a textfield so the users know why they cannot register
Registration page	Missing a confirm password step	*Error prevention*	This feature serves as a failsafe so even if the user typed in something that they didn't intend to, the system can catch that error
Main screen	The buttons are all aligned together – it would be hard for first time users to find the feature they are looking for	*Flexibility and efficiency of use*	It would be nice to keep the actions with different report apart or separate by submitting or viewing actions.
View map	Title displayed as registration page	*Consistency and standards*	This is minor but the user may be confused by the title of a page
View map	The menu bar contains buttons that are not clickable	*Aesthetic and minimalist design*	It would be better if these buttons could be taken out since the users cannot use them and may get confused with that fact
Submit report	The type and condition fields are entered in through textfields and are not validated – this design requires the users to know the adequate types and conditions	*Recognition rather than recall*	These textfields could be replaced with comboboxes or radiobuttons so even the novice users can operate the application (or an alternative way is to validate the type and condition while submitting)
Submit purity report	Same as above, the condition field is entered in through a textfield and is not validated – this design requires the users to know the adequate types and conditions	*Recognition rather than recall*	The textfield could be replaced with a combobox or a radiobutton so even the novice users can operate the application (or an alternative way is to validate the condition while submitting)
Edit profile	Displays empty fields even when the user has something in the profile – this design doesn't help users realize what's already in the profile while they are editing it	*Recognition rather than recall*	On solution to this is that this screen could be combined with the view user profile screen and so while the users are viewing their profile they can also edit them
Edit profile	As stated above in registration page, the change password field is missing a confirm password step	*Error prevention*	This feature serves as a failsafe so even if the user typed in something that they didn't intend to, the system can catch that error

Edit profile	The edit profile page exits after displaying error message – without giving the users a chance to recover from the error and reuse what they have typed before	*Help users recognize, diagnose, and recover from errors*	The users may want to have the option of fixing the error themselves and reuse what they have typed before. So, it would be better if this choice is left to the users. A fix to this problem could be to have to application return to edit profile page after displaying error message.
Historical report	This application is missing the view historical report button – which is an important feature of the water application	*Match between system and the real world*	The wiki (which serves as a customer contract in this class) clearly requires a historical report feature and a way to view it. The customers will be very unhappy if an application is missing that.

Analysis:
The overall design of this application is great. I loved how most of the pages looked, the flow between screens and the clean, minimalist UI. However, I believe that more validation and steps could be added to further secure the application. And some unnecessary information could be taken out. Also, a historical report feature is very important and urgently needed.