

SWE20001: Managing Software Projects

Name: S M Ragib Rezwan

ID: 103172423

Tutor: Naveed Ali | 12.30pm Tuesday | EN310

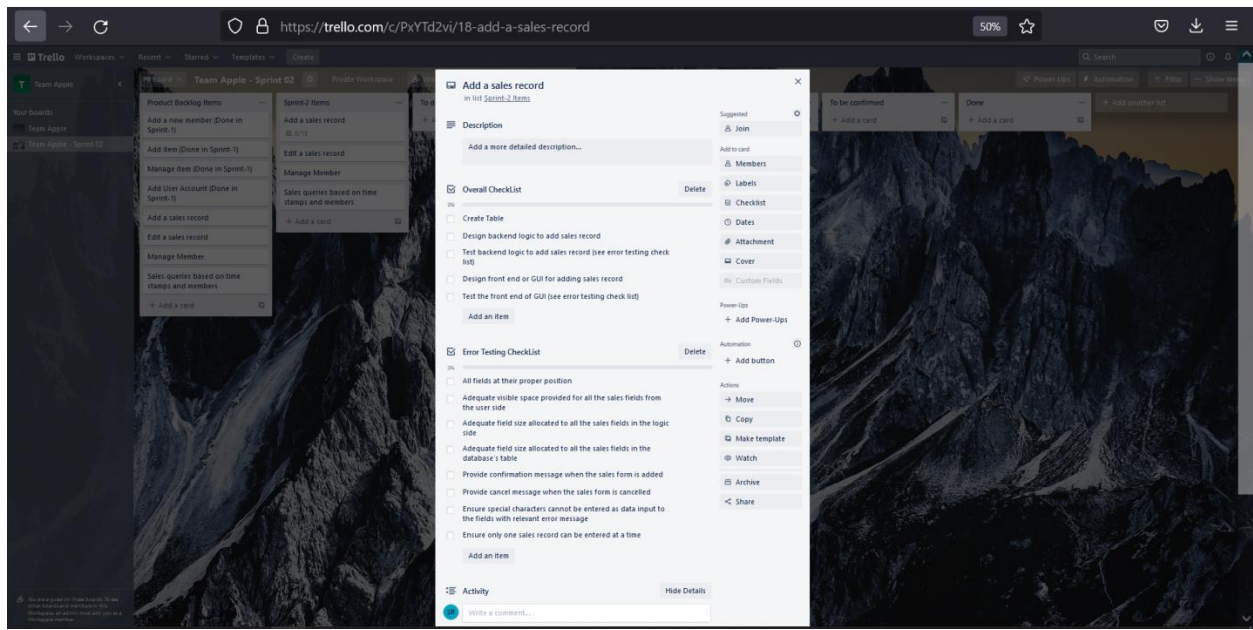
Testing Add Sales record with respect to “User Error Protection”:

Test Task Id	Test Task description	Test Task Appropriateness or reasoning for test	Checkbox/tickbox
1	All fields at their proper position. (Inspection and usability testing methods)	To ensure the employee inputting the data know where to place what and hence ensure that data isn't inputted in the wrong field. This will be done by checking both the backend and front end of the webpage	
2	Adequate visible space provided for all the sales fields from the user side. (Inspection and usability testing methods)	To ensure employee inputting the data can see the entire data that will be inputted in the field without navigating through the box using the cursor. This will be done by checking both the backend and front end of the webpage	
3	Adequate field size allocated to all the sales fields in the logic side. (Inspection testing method)	To ensure the entire data being inputted gets stored and thus can be passed to the database without any missing piece of info. This will be done by checking the methods that will carry the data throughout the system	
4	Adequate field size allocated to all the sales fields in the database's table. (Inspection testing method)	To ensure the entire data inputted is stored and thus no information is missing. This will be done by checking the database creation file and the database itself	

5	Provide confirmation message when the sales form is added. (Inspection and usability testing methods)	To enable the program to respond back to the user to assure the user of successful record adding for sales. This will be done on the both the front end and backend of the webpage	
6	Provide cancel message when the sales form is cancelled. (Inspection and usability testing methods)	To enable the program respond back to the user to assure the user of successful record cancelling. This will be done on the both the front end and backend of the webpage.	
7	Ensure special characters cannot be entered as data input to the fields with relevant error message. (Inspection and usability testing methods)	To ensure data cannot be corrupted and data cannot be leaked from the system via SQL injection This will be done on the both the front end and backend of the webpage.	
8	Ensure only one sales record can be entered at a time from the webpage (Inspection and usability testing methods)	To ensure employees enter only one data at a time and ensure doesn't get overwhelmed in any way. Also reduces chance of the employee making mistakes in their input as they will only be inserting one record at a time. This will be done on the both the front end and backend of the webpage.	

[Although all of the methods with “usability type testing” can be completed faster if done with “unit testing”, here we are currently checking for “user error protection” under the “usability” quality. Thus, I believe it will be more appropriate to have a group of users perform these tasks and get their feedback for each case, even at the expense of time]

The screenshots of trello board as proof:



☒ **Error Testing CheckList** Delete

0%

☐ All fields at their proper position

☐ Adequate visible space provided for all the sales fields from the user side

☐ Adequate field size allocated to all the sales fields in the logic side

☐ Adequate field size allocated to all the sales fields in the database's table

☐ Provide confirmation message when the sales form is added

☐ Provide cancel message when the sales form is cancelled

☐ Ensure special characters cannot be entered as data input to the fields with relevant error message

☐ Ensure only one sales record can be entered at a time

Add an item

Automation ⓘ

+ Add button

Actions

→ Move

📄 Copy

📄 Make template

👁 Watch

📁 Archive

↩ Share

Activity Hide Details

SR

Write a comment...

SR

S M RAGIB REZWAN added Overall CheckList to this card

4 minutes ago

SR

S M RAGIB REZWAN added Error Testing CheckList to this card

4 minutes ago

SR

S M RAGIB REZWAN copied this card from [Add a sales record](#) in list Sprint-2 Items

8 minutes ago