

Defect Tracking				
Defect Number	Defect Description	Requirement Mapping	Observed Output	Expected Output
1	The user name is field is accepting a name which has more than 10 characters. This is invalid because as per the requirements the user name can only contain 5-10 characters.	1.1	The discount given is 15%	Username length is invalid
2	The user name field is accepting the underscore character as a valid character. This should happen because as per the requirements the user name should not contain the underscore character	1.3	The discount given is 15%	Username contains _
3	The application gives an output even when the user enters the age as 17. This should not happen because as per the requirements the application should not calculate for the output i.e. in this case discount when the age of the user is less than 18.	2.1	The discount given is 15%	You must be 18 or older to register in the database.
4	A rating of 0 which is less than 1 is accepted by the application and the discount is being calculated to be shown as an output. This is not the ideal behaviour because as per the requirements the range of values that should be accepted by the ratings field is between 1 and 10 including both the values.	7.1	The discount given is 15%	Rating must be between 1 and 10
5	Even when the user status is set to New, the application is calculating for the discount and giving an output "The discount given is 10%". This is the wrong output as the ideal output should have been "No discount given" because as per the requirements New users cannot be given any discounts regardless of reward status, product, and season.	9.1	The discount given is 10%	No discount given
6	Even when the product category is set to unknown - the combination of where the user status is set to Returning, the reward member status is set to Silver, and the season when the item was bought is set to Summer, the application gives an output "the discount given is 10%" instead of "No discount given" which is not the ideal case. This because as per the requirements, if product category is set to unknown, then the user gets no discount.	9.2	The discount given is 10%	No discount given
7	As per the requirements, if the item is bought in Spring, then the Returning users who are Bronze members who bought Electronics should get a 10% discount voucher. But when the same combination is inputted into the application the output given is "the discount given is 5%" which is incorrect.	9.4.1	The discount given is 5%	The discount given is 10%
8	As per the requirements, if the item is bought in Winter, then the Returning users who are Gold members who bought Electronics should get a 25% discount voucher. But when the same combination is inputted into the application the output given is "the discount given is 20%" which is incorrect.	9.5.1	The discount given is 20%	The discount given is 25%
9	As per the requirements, if the item is bought in Fall, then the Returning users who are Silver members who bought Electronics should get a 15% discount voucher. But when the same combination is inputted into the application the output given is "the discount given is 10%" which is incorrect.	9.6.1	The discount given is 10%	The discount given is 15%
10	As per the requirements, if any other combination of inputs(returning user, reward status, product, and season) set apart from the ones mentioned in 9.3.1, 9.4.1, 9.5.1, and 9.6.1 then the user will not get a discount. But in this case if the user status is set to Returning, the user member status is set to Gold, the season in which the user purchases the item is set to Fall and the product category is set to Electronics, then the output given by the application is "The discount given is 10%" instead of the output "No discount is given".	9.7	The discount given is 10%	No discount given