What is a bug? Bug tracking systems, acquaintance with Jira

Assignment

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1. Complete the task of the previous level.
2. Give your own examples of bugs that may have such combinations:

Severity - Critical / Priority - Low
Severity - Minor / Priority - Highest

(specify 2 bugs for each option)

2.

For Severity Critical and Low Priority :

I'd take as an example, for a Register form on an e-shop's website. If one of key business strategy would be to consider a user's permission to receive marketing emails (for retargeting/promotion campaigns)

Then the **1st bug** would be to test the form's marketing checkboxes that would NOT meet the requirements of integration, for example users would register and leave the marketing options empty/unchecked, but at the database level, their email is registered for the marketing emails database and spam the users with unnecessary emails from the business. Priority would be low, because the form performs its main function and creates an account, the checkboxes are not impeding the registration (not blockers).

The **2nd bug** would be that the system would not update the account's validation email, it would let the users create their account, the system would send the validation link to the recipient's email to have the account verified. Users would always be notified through a persistent banner: that their account is not verified. It would be bad for business strategy to offer the users uncertainty for their accounts and would discourage them from placing orders. So severity is critical for impeding business sales.

For Severity Minor and High Priority :
I'll give examples for the checkout page for the same e-shop's website mentioned above.

The **1st bug** would be when a user completes a checkout for their shopping cart, they are not notified for a certain product that the quantity they've selected, with an out-of-stock alert. The user is able to pass the checkout for ex. 2x pairs of boots. The severity would be minor, because the system performs the checkout function completely and the error is not visible to them but with a high priority to be fixed because it impacts business logic and requires additional costs for stocking up the missing pair of boots in that checkout.

The **2nd bug** would be that the system would incorrectly update the stock quantity for an ordered product. If the same pair of boots do not go "out of stock" in the product's page.

I might sense those are not the best examples, because I cannot imagine how a Critical level of severity would have a Low priority or vice-versa. I'd relate the bugs to almost the same level. A critical bug would need a quick fix, in my opinion and a low priority bug such as a design error would not need quick fixing..?

I'll update this document if I find something eventually or get a hint about those 2 situations 😖