**Lesson 8** - **What is a bug? Bug tracking systems, acquaintance with Jira**

Level 2

**Give your examples of bugs that may have such combinations:**

**Severity - Critical / Priority - Low**

**Severity - Minor / Priority - Highest**

**(Specify two bugs for each option.)**

***Severity - Critical / Priority - Low:***

1. **Bug:** The login page of an e-commerce website crashes when users with special characters in their passwords attempt to log in.

*Severity (Critical):* This bug is critical because it prevents a specific group of users from accessing their accounts, which can lead to a significant loss of business.

*Priority (Low):* The priority is low because the issue affects a relatively small percentage of users, and there may be a workaround (changing the password) until a fix is implemented.

2. **Bug:** In a mobile banking app, transferring money between accounts sometimes results in a "server timeout" error.

*Severity (Critical)*: This bug is critical as it impacts a core functionality of the app related to financial transactions, potentially causing frustration and distrust among users.

*Priority (Low):* The priority is low because the error occurs infrequently, and users can retry the transaction, while higher-priority issues that affect more users are addressed first.

***Severity - Minor / Priority - Highest:***

1. **Bug:** The color of a website's "Submit" button does not match the brand's style guide, leading to inconsistent branding.

*Severity (Minor):* This bug is minor as it does not affect functionality but impacts the website's visual consistency.

*Priority (Highest):* The priority is set to the highest because brand consistency is paramount for the organization, and maintaining a strong brand image is a top priority.

2. **Bug**: A spelling error in the application's welcome message on the homepage is visible to all users.

*Severity (Minor):* This bug is minor as it does not impact functionality or usability but affects the professionalism of the application.

*Priority (Highest):* The priority is highest because fixing typos and maintaining correct language is a top priority to ensure a polished user experience and maintain the organization's reputation.