

**NAME: TANKISO MASOEBE**

**Y1 S2 HUMAN AND COMPUTER INTERACTION**

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### **QUESTION 1**

**Principles makes it easy for people to use. the first principle is consistency. If the app has a “back” button it should always be in the same place and look the same on every page. This makes it easier for users to learn and remember. The second principle is FEEDBACK, if someone clicks “send money” on a banking app, the app should show a message like “processing” and then “transaction successful”. This lets the user know their action worked. The third principle is ERROR PREVENTION for instance if a form is not complete, the app should highlight the missing parts in red and stop the user from submitting until everything is correct. The principle makes the app clearer, reduce mistakes and give the user more confidence while using it.**

### **QUESTION 2**

**Learnability refers to easy it is for a new user to understand and use a system or application for the first time. In IT learnability plays a big role because users often interact with new software, websites or apps. If the system is easy to learn, users spend less time figuring out how it works and more time achieving their goals for example simple time navigations menus, familiar icons and clear instructions improves learnability. Good learnability increase user satisfaction, reduces training costs and makes technology more accessible.**

### **QUESTION 3**

**When analyzing a website app for usability, both strengths and weaknesses can be observed. A strength might be easy navigation, where menus and icons are clearly labeled, helping users find what they need quickly. Another strength could be responsive design, meaning the app works well on both mobile and desktop devices. However, weaknesses may include slow loading speed, which frustrates users, or poor error messages that don't clearly explain what went wrong. Another weakness is cluttered layout, where too much text or ads distract the user.**

## QUESTION 4

**This login screen applies two usability principles: consistency and error prevention. Consistency is shown by keeping the same button style for “Login” and “Sign Up,” helping users quickly recognize interactive elements. Labels like “Username” and “Password” follow familiar standards, making the screen easy to understand. Error prevention is addressed by including a “Forgot Password?” link, which reduces user frustration if they cannot log in. The clear layout, with fields stacked vertically, avoids confusion and makes navigation simple, even for first-time users. Together, these principles improve efficiency, reduce mistakes, and create a smooth login experience.**

**|      My App      |**

**Username: [\_\_\_\_\_]**

**Password: [\_\_\_\_\_]**

**[ Login ] [ Sign Up ]**

**Forgot Password?**

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