Q:- Explian the following with respect to Computer Applications by giving examples

1. Slips and Mistakes
2. Mapping
3. Constraints
4. Causality
5. Conceptual model

1. Slips and Mistakes: In the context of computer applications, slips and mistakes refer to error made by users when interacting with the software. These can include typos, incorrect entries, or misunderstandings of the software's functionality. For example, a user might accidentally delete a file, mistype a password, or click on the wrong button.

2. Mapping: Mapping in computer applications refers to the process of linking data from one source to another, often using visual representations such as graphs or charts. It can also refer to the mapping of user input to system output.

For example, in a weather app, mapping might involve linking temperature data from a sensor to visual representation on a map.

3. Constraints:-

In computer applications, constraints refer to limitations or restrictions that are imposed on users or the software itself. These can include restrictions on the types of data that can be entered into a field, limits on the amount of data that can be stored in a database

4. Causality:

Causality in computer applications refers to the relationship between an action and its consequences. It is the principle that one event or action leads to a specific outcome. For example, when a user clicks a button on a webpage, this actions triggers an event that can be handled by the application, leading to a change in the application's state.

5. **Conceptual model:** A conceptual model in computer applications refers to an abstarct representation of the application's design and functionality. It is a high-level description of the application's structure, behavior, and user interactions, intended, to help users and developers understand how to application works. For example, a conceptual model of a socail media applications might include a diagram illustrating the various components of the application, such as user profiles, new feeds, and messaging features

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