HUMAN COMPUTER INTERACTION

ASSIGNMENT 1: FIND FIVE DESIGN ISSUES WITH EVERYDAY THINGS



Name: Mansur, Khaled

ID: 19-39861-1

Sec: C

SIX POSSIBLE DESIGN ISSUE

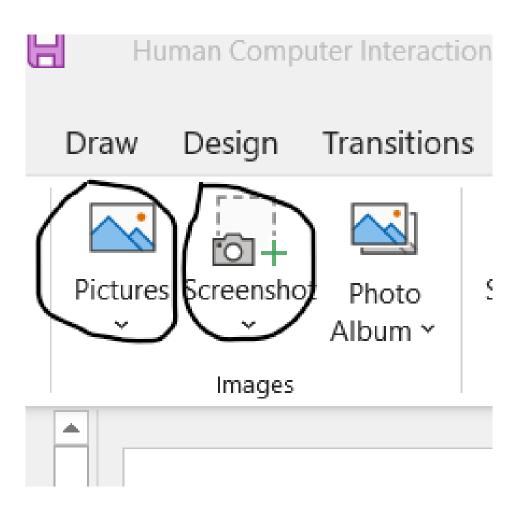
- **□** Affordance
- ☐ Visibility
 - o □ Mappings
 - **☐** System Image
 - ☐ Gulf of Execution
 - ☐ Gulf of Evaluation

<u>Affordance</u>

A trait or property of an object that specifies its potential uses or clarifies how it can or should be utilized. Instead, an affordance is determined by the user-object relationship.

Affordance issue with Power Point:



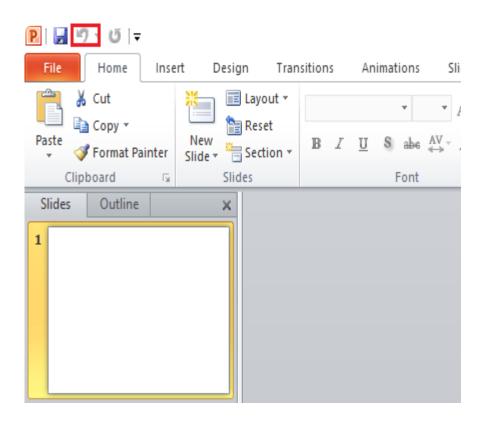


When I first started using PowerPoint, I was puzzled by the "Picture & Screenshot" option. When I took a screenshot, it was saved in the picture option, but there was another option that was screenshot. I couldn't decide between two options. Because didn't understand it the first time I saw it, I believe the design has an affordance issue.

System Image

The System Image is the visible part of a device. The designer only talks to the user through the system image. If the system image doesn't make the design model clear, then the user will create a different model through their interaction.

System Image with Power Point:



 Here the marked button representing on PowerPoint is "undo" button. As people uses multiple web browser or application, from that experience, usually the marked button represents the back button. At that point a user might use that button as a back button. It won't be an issue, If the button position was elsewhere. The position and the button itself representing the "back button" which it is not.

Mapping

Mappings connect elements of computing artifacts to their real-world counterparts. They serve as a bridge between what you want to do and what is perceived to be possible. It is the relationship that exists between moving a control and the outcomes in the real world.

Mapping issue with Power Point:

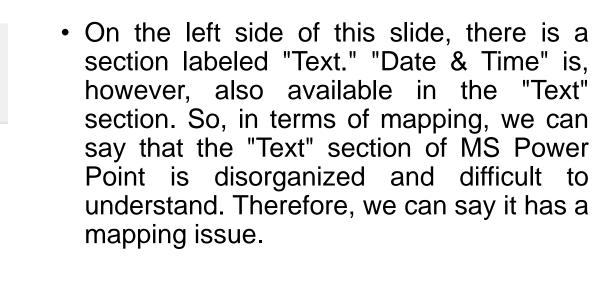
Header WordArt

Text

& Footer

Text

Box



Slide Number

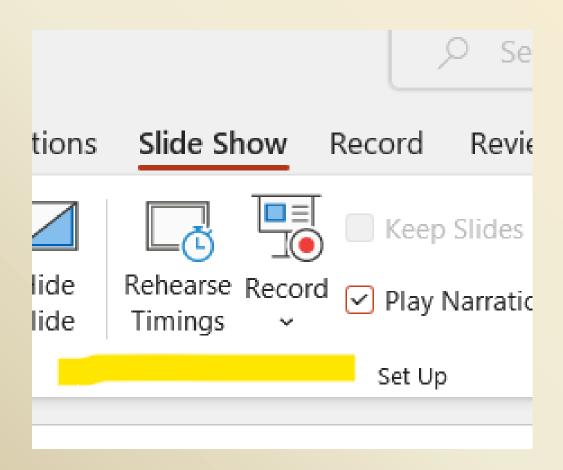
丙 Date & Time

Object

Gulf of Evaluation

The Gulf of Evaluation refers to how well the system provides a visible, directly perceptible state. The degree of ease with which a user can perceive and interpret weather or not the action they performed was successful is referred to as the Gulf of evaluation.

Gulf of Evaluation issue with Power Point:



 When I first opened PowerPoint and clicked on the slide show option to make a slide show, it appeared to be something else. After some investigation, I discovered that the slide is in the bottom right corner.

Gulf of Execution

The Gulf of Execution is a term used to describe the difference between the steps required to achieve a goal and the steps that are perceived.

11

Gulf of Execution issue with Power Point:



 First, when I used Power Point, I noticed an option called "Animation." In ms power point, there was an interesting section. However, as a first-time user, I am unable to use any type of animation when I select this option. After some digging, I discovered that when I clicked the title bar, the animation bar appeared. It is obvious that there is a problem with the execution gulf.

THANK YOU