



HUMAN COMPUTER INTERACTION

Name of the Faculty: Mrs. S.Sushma, Assistant Professor, Department of IT

Subject: Human Computer Interaction

Year & Semester: IV-I

Topic: Design Standards or style guides: value of standards and guidelines

Conventional Methods: Chalk & Talk

Teaching Methodology: Demonstration

In Human Computer Interaction subject, Design Standards or style guides: value of standards and guidelines is an important topic. Many have taught the topic using chalk and talk. I taught the topic of Design Standards or style guides: value of standards and guidelines by Demonstration. Students can understand the importance of Design Standards or style guides. If the topic explained without any example, then student will not understand the importance of value of standard and guidelines.

References:

https://www.youtube.com/watch?v=r4_KgfKqsOI

Design Standards or Style Guides

A design standard or style guide documents an agreed-upon way of doing something. It also defines the interface standards, rules, guidelines, and conventions that must be followed in detailed design.

Value of Standards and Guidelines

Developing and applying design standards or guidelines achieve design consistency.

This is valuable to users because the standards and guidelines:

- Allow faster performance.
- Reduce errors.
- Reduce training time.
- Faster better system utilization.
- Improve satisfaction.
- Improve system acceptance.

They are valuable to system developers because they:

- Increase visibility of the human-computer interface.
- Simplify design.
- Provide more programming and design aids, reducing programming time.
- Reduce redundant effort
- Reduce training time.
- Provide a benchmark for quality control testing.

Document Design

Include checklists to present principles and guidelines.

- Provide a rationale for why the particular guidelines should be used.
- Provide a rationale describing the conditions under which various design alternatives are appropriate.
- Include concrete examples of correct design.
- Design the guideline document following recognized principles for good document design.
- Provide good access mechanisms such as a thorough index, a table of contents, glossaries, and checklists.

Design Support and Implementation

- Use all available reference sources in creating the guidelines.
- Use development and implementation tools that support the guidelines.
- Begin applying the guidelines immediately.

Demonstration of the concept

