

**Experiment No. 1**

**Batch: B-3** **Roll No.: 16010422234** **Experiment No.: 01**

**Aim: To analyze and evaluate the User Interface (UI) of websites to understand principles of good and bad UI design.**

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**Resources needed:** Internet



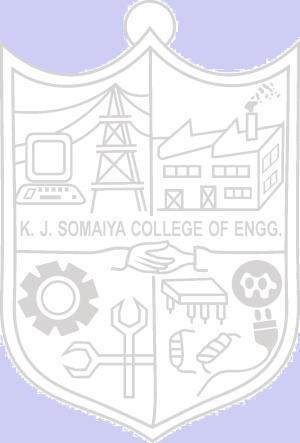
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**Results:** (Program with output as per the format)

| **Good UI Examples** | | |
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| **Sr. No.** |  |  |
| **1** | **URL** | [**www.apple.com**](http://www.apple.com) |
|  | **Brief about URL/Website** | **Apple's official website** |
|  | **Reasons for Good UI (With Screenshots )** | **Clean design, intuitive navigation, visually appealing** |
| **2** | **URL** | [**www.spotify.com**](http://www.spotify.com) |
|  | **Brief about URL/Website** | **Music streaming service** |
|  | **Reasons for Good UI (With Screenshots )** | **Consistent design, easy to use, responsive** |
| **3** | **URL** | [**www.airbnb.com**](http://www.airbnb.com) |
|  | **Brief about URL/Website** | **Online marketplace for lodging** |
|  | **Reasons for Good UI (With Screenshots )** | **User-friendly interface, clear call-to-actions, engaging** |
| **4** | **URL** | [**www.trello.com**](http://www.trello.com) |
|  | **Brief about URL/Website** | **Project management tool** |
|  | **Reasons for Good UI (With Screenshots )** | **Simple layout, efficient navigation, visually organized** |
| **5** | **URL** | [**www.medium.com**](http://www.medium.com) |
|  | **Brief about URL/Website** | **Online publishing platform** |
|  | **Reasons for Good UI (With Screenshots )** | **Clean design, readability, minimalistic approach** |

| **Bad UI Examples** | | |
| --- | --- | --- |
| **Sr. No.** |  |  |
| **1** | **URL** | [**www.lingscars.com**](http://www.lingscars.com) |
|  | **Brief about URL/Website** | **Car leasing website** |
|  | **Reasons for Bad UI (With Screenshots)** | **Cluttered layout, distracting animations, overwhelming colors** |
| **2** | **URL** | [**www.arngren.net**](http://www.arngren.net) |
|  | **Brief about URL/Website** | **Norwegian gadget store** |
|  | **Reasons for Bad UI (With Screenshots)** | **Overloaded with information, poor navigation** |
| **3** | **URL** | [**www.theuselessweb.com**](http://www.theuselessweb.com) |
|  | **Brief about URL/Website** | **Collection of pointless websites** |
|  | **Reasons for Bad UI (With Screenshots)** | **Lack of purpose, confusing navigation** |
| **4** | **URL** | [**www.riversideartcenter.com**](http://www.riversideartcenter.com) |
|  | **Brief about URL/Website** | **Art center website** |
|  | **Reasons for Bad UI (With Screenshots)** | **Outdated design, difficult navigation** |
| **5** | **URL** | [**www.mrbottles.com**](http://www.mrbottles.com) |
|  | **Brief about URL/Website** | **Antique bottles website** |
|  | **Reasons for Bad UI (With Screenshots)** | **Outdated design, difficult navigation** |

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**Outcomes: Comprehend role of user and designer in User Interface Deign**

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**Conclusion:**

From this experiment, it can be concluded that a well-designed UI significantly enhances user experience by being intuitive, visually appealing, and easy to navigate. Good UI design focuses on simplicity, consistency, and responsiveness, whereas bad UI design often involves cluttered layouts, poor navigation, and distracting elements. By analyzing various websites, it is evident that the principles of good UI design are crucial for creating an effective and enjoyable user experience.

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**Grade: AA / AB / BB / BC / CC / CD /DD**

**Signature of faculty in-charge with date**



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**References: Books/ Journals/ Websites**

1. Wilbert O. Galitz The Essential Guide to User Interface Design - An Introduction to GUI Design Principles and Techniques Wiley Computer Publishing Second Edition, 2002

2. Jenifer Tidwell Designing interfaces: Patterns for effective interaction design O’rielly Media Second Edition, 2011

3. Bill Scott, Theresa Neil Designing Web Interfaces Principles & Patterns for Rich Interaction O’rielly Media First Edition, 2009

4. Steven Hoober, Eric Berkman Designing Mobile Interfaces: Patterns for Interaction Design O’rielly Media First Edition, 2012