#### **IT351 HUMAN COMPUTER INTERACTION**

# Assignment-4 Ritesh Sharma (191IT142)

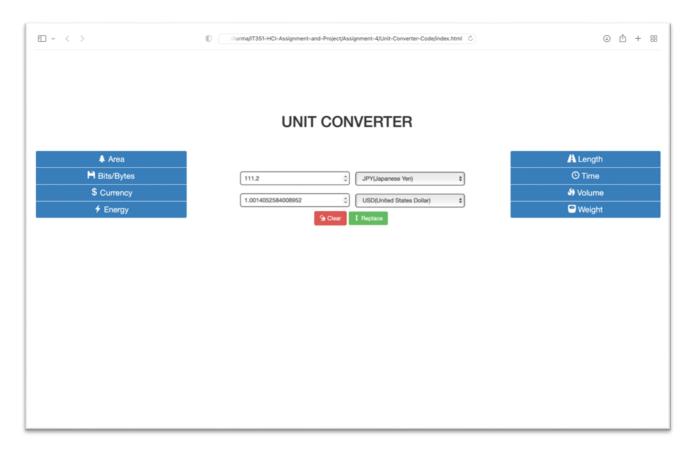
**Problem**: Design and implement a web-based user interface for CONVERTOR application which is a composite of many converters like distance converter, temperature converter, currency converter etc. Your application should include three or more converters and design should incorporate the UI principles.

#### **HCI Principles and Guidelines used:**

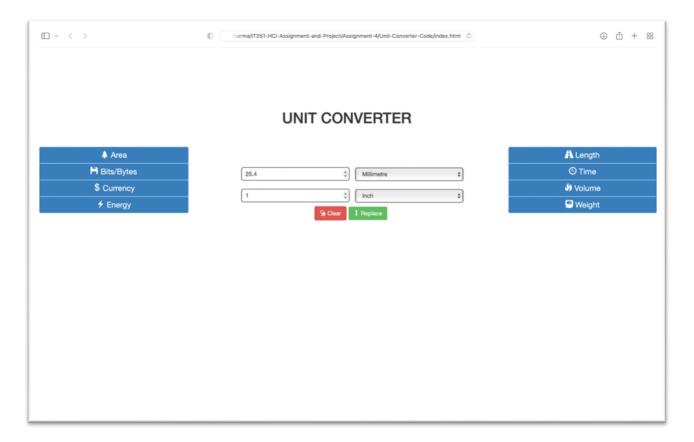
- Users can perform the same tasks in the usual way.
- Wide range of the user-design process considered for all types of users.
- Control is given to the user.
- Proper error prevention methods have been used.
- Application is Flexible and efficient to use.
- Relevancy, simplicity, minimum number of labels and uncluttered graphics are used.
- Users can easily recognize options in the system rather than recall them.
- User control and freedom.
- Support of undo and redo operations.
- Overall, the interface is very simple and easy to use.

## **Screenshots of the Web App:**

## **Currency Converter:**



### Length Converter:



### Time Converter:

