**Brief Summary:**

The project focuses on the development of a Digital World Clock using C#. This choice of technology facilitates the efficient development, and management of the application. The Digital World Clock is capable of displaying the current time for five different countries. The development environment used for this project is Visual Studio, providing a powerful platform for coding and debugging.

**Digital World Clock:**

The program, named **Digital World Clock**, is designed to provide users with an efficient tool for accessing and managing the current time in various world time zones. Developed to support single-user access, this application ensures that users can view the time in five different countries at a time.

**USER GUIDE:**

**Start the Application**:

* Launch the application to access the home page.

**View Time Zones**:

* On the home page, the current time for the local country will be displayed.

**Switch Time Zones**:

* If needed, users can switch between different time zones to view the current time in other regions.

**Real-Time Updates**:

* The application ensures that the time displayed is always accurate with real-time updates.

**User Interface**:

* Navigate through the user-friendly interface to access various features and settings.

**SCREENSHOTS:**

**FLOWCHART:**

**+----------------+**

**| Start |**

**+----------------+**

**|**

**|**

**v**

**+----------------+**

**| Display Local |**

**| Time (HH:MM:SS) |**

**| and Date (YYYY-MM-DD) |**

**+----------------+**

**|**

**|**

**v**

**+-----------------+**

**| Select Location? |**

**| (Yes/No) |**

**+-----------------+**

**|**

**|**

**v**

**+-----------------+**

**| Update World Clock|**

**| Display with Selected|**

**| City's Time and Date |**

**+-----------------+**

**|**

**|**

**v**

**+-----------------+**

**| No: Continue with |**

**| Current Display |**

**+-----------------+**

**|**

**|**

**v**

**+-----------------+**

**| End Program? |**

**| (Yes/No) |**

**+-----------------+**

**|**

**|**

**v**

**+----------------+**

**| Yes: Exit Program |**

**+----------------+**

**|**

**|**

**v**

**+----------------+**

**| No: Loop Back to |**

**| Display Local Time |**

**+----------------+**