Windows Presentation Foundation (WPF). Microsoft’s newer framework for GUI, graphics, animation and multimedia instead of using plug-in(Windows Media Player) or Direct3D. it has four features :

1. separation of appearance and behavior
2. Rich composition
3. Highly customizable
4. Resolution independence.

The different between WPF application and windows form application, that windows form application use visual basic code and the WPF application use XAML.

E**X**tensible **M**arkup **L**anguage (XML) basics. XML was designed to transport and store data for application over the internet. The form of XML store as text format. XML tags are not predefined. You must define your own tags. Also XML is designed to be self-descriptive.

Application.xaml defines the Application object and its settings. The most noteworthy setting is the StartupUri attribute, which defines the XAML document that executes first when the Application loads (MainWindow.xaml by default). Application. xaml.vb is its code-behind class and handles application-level events. MainWindow.xaml defines the application window. MainWindow.xaml.vb is its code-behind class, which handles the window’s events.