Lecture 1 – Introduction to Mobile Application

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Outlines

- Prerequisite course
- Assessment plan
- Market Share iOS/Android
- Introduction to Mobile Application
- Designing Mobile Application Contents
- Creating project
- Lab Exercises
- Mini Projects
- Any Questions?



Prerequisite Course

2/20/2021

Object Oriented Programming

Web Engineering

Data Base Design

Mobile

Application

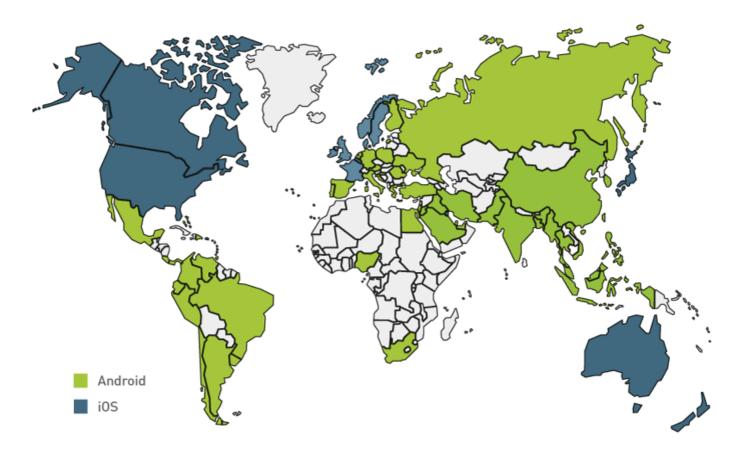
Development

Assessment plan

	Semester-2			Final Exam	
	40%			60%	
	Theo.	Р	ract.	Theo.	Pract.
	25		15	45	15
Term Test	Quizzes & presentations & Activates & attendance	Term Test	Assignment		
20	5	10	5		



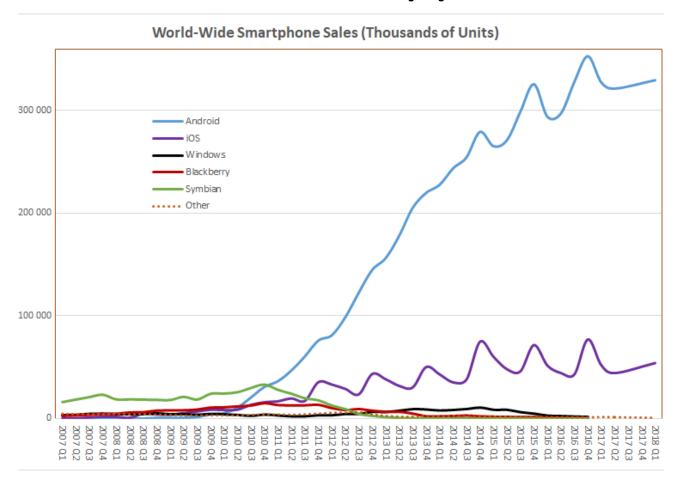
Market Share iOS/Android



Source: https://lvivity.com/android-vs-ios-app-development-platform



Introduction to Mobile Application



Source: https://en.wikipedia.org/wiki/Mobile_operating_system



Designing Mobile Application Contents

 Aim: To learn how to designing a mobile application contents using XAML.

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0 0 - X
Coding4FunWP7 - Microsoft Visual Studio (Administrator)
File Edit View Project Build Debug Team Data Tools .NET Reflector Architecture Test ReSharper Analyze Window Help
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    IsolatedStorage

 교육은 사내 推進 등은 교회의 최고의 화짓말
Page2.xaml Page1.xaml X MainPage.xaml.cs MainPage.xaml Object Browser Output
                                                                                                                                                   Solution Explorer
        phone:PhoneApplicationPage
                                                                                                                                                        3 e 2 =
            x:Class="Coding4FunWP7.Page1"
                                                                                                                                                     Solution 'Coding4FunWP7' (1 project)
            xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

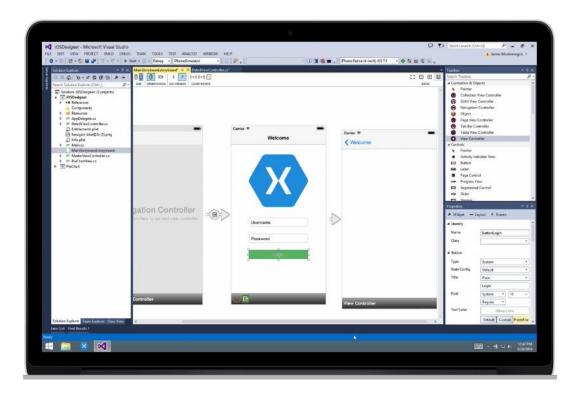
■ Coding4FunWP7

            xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
                                                                                                                                                         Properties
            xmlns:phone="clr-namespace:Microsoft.Phone.Controls;assembly=Microsoft.Phone"
                                                                                                                                                         References
            xmlns:shell="clr-namespace:Microsoft.Phone.Shell:assembly=Microsoft.Phone"
                                                                                                                                                         App.xaml
            xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
            xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
                                                                                                                                                          ApplicationIcon.png
                                                                                                Designer Full
            FontFamily="{StaticResource PhoneFontFamilyNormal}"
                                                                                                                                                          Background.png
            FontSize="{StaticResource PhoneFontSizeNormal}"
                                                                                                                                                         MainPage.xaml
                                                                                                     Screen
            Foreground="{StaticResource PhoneForegroundBrush}"
                                                                                                                                                            MainPage.xaml.cs
            SupportedOrientations="Portrait" Orientation="Portrait"
                                                                                                                                                         Page1.xaml
            mc:Ignorable="d" d:DesignHeight="768" d:DesignWidth="480"
                                                                                                                                                          Page2.xaml
            shell:SystemTray.IsVisible="True">
                                                                                                                                                          SplashScreenImage.ipg
            <!--LayoutRoot is the root grid where all page content is placed-->
            <Grid x:Name="LayoutRoot" Background="Transparent">
               <Grid.RowDefinitions>
                   <RowDefinition Height="Auto"/>
                                                                                                                      Vertical
                   <RowDefinition Height="""/>
                                                                                                                                                    Solution Explorer Team Explorer
                </Grid.RowDefinitions>
                                                                                                  Horizontal
               <!--TitlePanel contains the name of the application and page title-->
               <StackPanel x:Name="TitlePanel" Grid.Row="0" Margin="12,17,0,28">
                   <TextBlock x:Name="ApplicationTitle" Text="MY APPLICATION" Style="{StaticResource PhoneTextNormalStyle}"
                                                                                                                                                     Properties
                   <TextBlock x:Name="PageTitle" Text="page name" Margin="9,-7,0,0" Style="{StaticResource PhoneTextTitle1Style
                                                                                                                                                     Search
               <!--ContentPanel - place additional content here-->
                                                                                             Expand Pane
               <Grid x:Name="ContentPanel" Grid.Row="1" Margin="12,0,12,0"></Grid>
                                                                                                                                                           Property editing not available
   PhoneApplicationPage PhoneApplicationPage
   🏣 Test Results 😭 Error List
                                                                                                                                                                                INS (
```



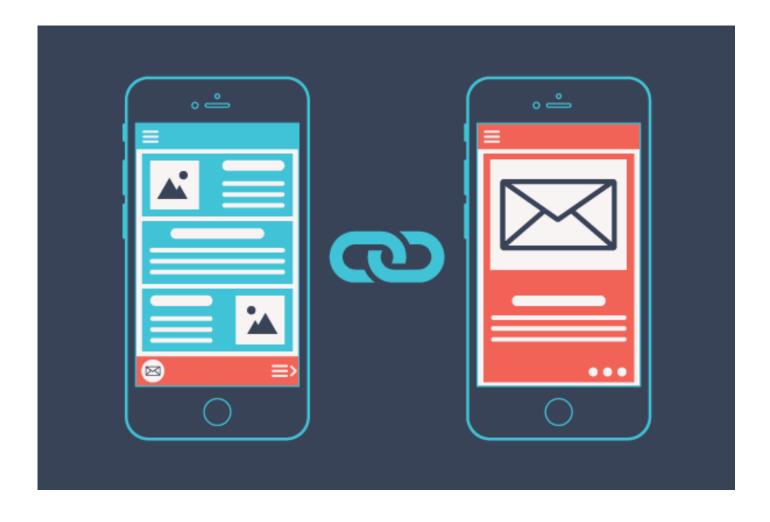
Creating project

We will use Visual Studio to create Android/ IOS applications





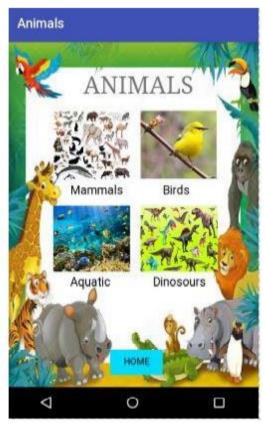
Lab Exercises

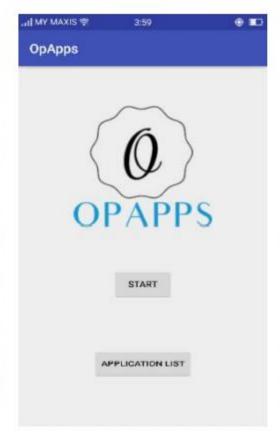


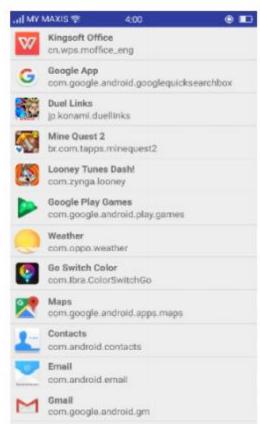


Mini Projects









Any Questions?



