**Student Practical Assessment (Exercise)**

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| **Business Unit/Work Group** | IT Studies | | |
| **Qualification Code** | National Code: ICT50715 | **Qualification Title** | Diploma of Software Development |
| **Unit Code/s** | ICTPRG501 | **Unit Title/s** | ICTPRG418 Apply intermediate programming skills in another language TAADE |
| **Assessment Task Title** | UWP Layout Controls and Containers | | |
| **Student Name** | Submit your solution via your LEARN account | **Student SIS ID** | Submit your solution via your LEARN account |
| **Assessor Name** | You have been added to a LEARN group which defines your assessor. This is normally your Course Registration Number (CRN) lecturer. | **Date** | 2018 Semester 1 |

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| **Student Guide for Written Assessment** | |
| **Overview of Assessment** | This assessment will require you to interpret a set of requirements specifications to design, develop, build, deploy and document a C#.NET UWP application with a focus on the UI. |
| **Task/s to be assessed** | You will be assessed on the successful completion the Application Development Specifications |
| **Time allowed** | The assessment must be completed and uploaded by the end of the first term of the semester |
| **Location** | You could complete this assessment in class or at another suitable site (e.g. at home) |
| **Decision making rules** | To receive a satisfactory outcome for this your solution must meet all the Application Development Specifications |
| **Assessment conditions** | * You may be asked to explain your solution to the instructor in class * You are not allowed copy or use code that is not yours without acknowledgement. * You have till the end of the term from the time of release of this assessment to complete and upload your solution on the subject LEARN site |
| **Resources required** | To complete this assessment, you will need to use Visual Studio 2015 with the C#>NET Windows 10 SDK Toolkit and access to the subject Learn resources.  Visual Studio 2015/Windows 10 SDK based machines are provided during this assessment.  You can use a Mac if you prefer but these are not provided. |
| **Results/Re-assessment** | You will be provided with feedback for the assessment and be given the opportunity to resubmit any required corrections only once. |
| **Submission Instructions** | * Create a folder called yourName\_4CSM\_Assessment1 on the desktop and add your completed NetBeans project inside this folder. * Add your name to the comments at the beginning of each file. |

**UWP Layout Controls & Containers**

**Requirements Specification**

IT Works has hired you as a developer to develop a UWP business application for TafeSA to capture details of potential students that its staff might encounter during the TAFESA open day event.

The app must be deployable across a range of Windows based device families.

A previously hired analyst developer has come up with application specifications using a UWP app to meet the above requirements.

**Application Development Specifications**

The UWP app must capture the details of a potential Student such as Name, Address, Tel Num,

Email, Date of Birth, Date of Appointment, Choice of Studies (Networking, Software

Development, Web and Digital Media), Level of Knowledge – from 1-10 and also use the devices camera capabilities to capture an image of the student

Use IT Works UI Design recommendations with regard to the proper choice and use of appropriate UWP layout controls and properly documented comments in your code.

Build and test the app and make sure it works as per the above specification.