Assessment 2 of 2 for **CMP3067M Social Applications Development**
Criterion Reference Grid (CRG)

This assessment is worth 50% of the total module mark.
Your assignment will be marked using the following, **weighted**, criteria:-

Criteria	LO	Weight	Third	2.2	2.1	First
Documentation – primarily introduction - accurately critiques the *importance* of using cloud computing services for mobile devices and applications	1,2	0.1	Critique is cursory and flawed in some or many aspects	Report contains adequate and well-presented critique on cloud computing that is balanced, well informed and referenced	Very good critique is delivered that shows solid understanding of cloud computing, current research and opinion	Excellent and thought provoking critique is delivered that shows thorough understanding of cloud computing, current research and opinion
Documentation – primarily background and evaluation - accurately reviews and evaluates previous relevant work/mobile applications that use cloud services	1, 2, 4	0.2	Review is cursory, minimal, poorly referenced or flawed in some aspects	Review gives an accurate overview of cloud, social and mobile computing and its effects and is well referenced	Thorough review of the field is given that demonstrates a substantial understanding of cloud, mobile and social computing. Very good use of references	Excellent, insightful and provocative review of the field is given that demonstrates a deep understanding of cloud, mobile and social computing and its transformative effects. Excellent use of references
Mobile application utilises in an appropriate and, to some extent, innovative fashion, examples of code which have been covered in the workshops and lectures	3	0.1	Application shows minimal functionality or is simple rehash of workshop material	Application shows innovative modification and re-use of technologies which have been covered in the workshops	Good reuse and reworking of technologies which have been covered in the workshops	Thoughtful, innovative, reuse and reworking of technologies which have been covered in the workshops
Mobile application utilises advanced functionality technologies which have not been substantially covered in the workshops	3	0.1	Little or no advanced functionality attempted	Application shows some working examples of techniques not covered extensively within the workshops	Very good use of advanced techniques are exhibited and these result in an very good working prototype application	Excellent use of advanced techniques are exhibited and these result in an excellent application
Use of Azure cloud services via WCF web services where necessary. WCF services handle communication and data exchange between mobile application and Azure cloud services	3	0.2	Use of at least one Azure service is minimal and/or not always functioning as required with no network error handling	Use of at least one Azure service is functional and shows sensible design and implementation with some network error handling	Use of at least 2 Azure services is well justified, functional and results in an innovative and useful part of the application with well implemented network error handling	Use of at least 2 Azure services is justified in an excellent fashion, is both innovative and functional and overall contributes to well-conceived application. Excellent network error handling
Development of own WCF web service , to be deployed to Azure, returning useful data to mobile application	3	0.2	Web service functionality is minimal and/or not always functioning as required with no error handling	Web service is functional and shows sensible design and implementation with some error handling. Relevant data is returned in at least string format	Web service is well implemented and results in an innovative and useful part of the application. Good error handling and returns relevant data in XML and JSON format	Web service is implemented in an excellent fashion, is both innovative and functional and overall contributes to well-conceived application. Relevant data is returned in XML and JSON formats
Documentation: Effective introduction & design statement, implementation description, evaluation and use of resources, with consideration of ethical issues of using cloud services.	1, 3, 4	0.1	Report has poor or inadequate structure; report contains little information on how the assessment was attempted	Design and development process is articulated clearly & comprehensively, showing good use of resources and some good self-reflection, good critique on ethical issues of using cloud services	Very good documentation is delivered demonstrating the processes used in the design and development and how these have been reflected upon, ethical issues of cloud services well understood	Excellent documentation is delivered showing in a clear and/or innovative fashion the processes used in the design and development and how these have been reflected upon in a professional manner. Excellent critique of ethical implications of using cloud services