Assignment 1: Personal Development Plan for IT 20%

At the start of the semester, you will work with tutors to set up your own Personal Development Plan which identifies your goals for development over the semester.

These goals will relate to specific skills and attributes that have been identified from the learning outcomes of the Design Factory module, coupled with the graduate attributes that you are required to meet as part of the Seoul Accord (as a computing professional).

The aim of the Personal Development Plan [PDP] is to create a focus and awareness on important future-focused skills. This assignment is focused purely on your own development (personal, career aspirations, etc.), within the context of the team project, and throughout the Design Factory experience.

Over the semester, you will set your goals, work to meet your goals, and reflect on your development. You will be expected to complete the following activities by the end of these weeks:

Week 1:   Complete online questionnaire about your future-focused skills and complete the 16 personalities.

Week 4/5   Read through the Seoul Accord graduate attributes and become familiar with the terminology

Week 6/7:   Once a prototype is identified by your group, you will individually meet with a tutor from IT and identify goals according to the Seoul accord
A **Marking Rubric** will be given to you at this stage

Week 7-15:   Document your (and your groups) process and progress to evidence the goals related to graduate attributes, with an emphasis on the complexity of an IT solution

Week 16:   Complete the online questionnaire and reflect on your overall progress

A grade will be assigned at the end of the semester, based on the approach you've taken in setting goals, active and timely reflection on your progress, and providing meaningful reflections that go beyond simple description. You are also expected to include specific examples, and evidence, to demonstrate how you've been working on your goals.

Learning Outcomes of Design Factory:	Skills/Attributes for goal-setting
1. **Participate, contribute fully and work in teams made up of diverse disciplines to co-create and solve industry driven problems**	*Teamwork & Collaboration*
2. **Apply professional communication strategies and actively engage others in your product, process or idea to communicate ideas successfully**	*Professional Communication*
3. **Apply human centred design and apply a broad range of problem solving tools to innovate and solve an industry driven problem**	*Problem Solving*
4. **Demonstrate efficacy, adopt a can-do approach, be self-motivated, accountable and, work successfully in both independent and collective situations**	*Motivation & Can-do attitude*
5. **Acquire and apply future-focused employment skills to industry and educational contexts**	*Social Intelligence*
6. **Use empathy to research, investigate and produce reasoned and critical responses**	*Critical Thinking*

Seoul Accord Graduate Attributes

	Differentiating Characteristic	… for Seoul Accord (Computing Professional) Graduate
Academic Education	Educational depth and breadth	Completion of an accredited program of study designed to prepare graduates as computing professionals
Knowledge for Solving Computing Problems	Breadth and depth of education and type of knowledge, both theoretical and practical	Apply knowledge of computing fundamentals, knowledge of a computing specialization, and mathematics, science, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements
Problem Analysis	Complexity of analysis	Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines
Design/ Development of Solutions	Breadth and uniqueness of computing problems, i.e., the extent to which problems are original and to which solutions have previously been identified or codified	Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations
Modern Tool Usage	Level and appropriateness of the tool to the type of activities performed	Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations
Individual and Team Work	Role in, and diversity of, the team	Function effectively as an individual and as a member or leader in diverse teams and in multi-disciplinary settings
Communication	Level of communication according to type of activities performed	Communicate effectively with the computing community and with society at large about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions
Computing Professionalism and Society	No differentiation in this characteristic except level of practice	Understand and assess societal, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice
Ethics	No differentiation in this characteristic except level of practice	Understand and commit to professional ethics, responsibilities, and norms of professional computing practice
Life-long Learning	No differentiation in this characteristic except level of practice	Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional