



KOLEJ TEKNOLOGI PERAK
UTM COLLABORATION PROGRAMME
GROUP PROJECT

SESSION 1- 2014/2015

DDPC 1633/ DDC 3153

HUMAN COMPUTER INTERACTION/ USER INTERFACE PROGRAMMING

Question	CO	PO/Taxonomy	Student marks	Total Marks
a-d	CO4	PO3/CTPS1,CTPS2,CTPS3		40
e	CO3	PO1/P4		10

INSTRUCTION

You are required to develop an interactive application that enable visitors in the theme park to help find their way around and to learn more about the large and varied collection of games and fun-ride. This application can be downloaded to visitor's smartphone using their ticket id.

In order to develop this application you have to:

- a. Develop a complete set of HTA and its plan.
- b. Explain the functional *and* usability requirements (as well as data, environmental & user requirements) For each requirement you should give a thorough justification to link it to the HTA.
- c. Describe metrics for each requirement (if applicable).
- d. Based on the HTA and related plans, produce a storyboard design. Show and indicate its main features and describe how your storyboard design fulfils the requirements that you identified earlier.
- e. You are required to implement the design in HTML or other programming language as a high-fidelity prototype.