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| logoUTeMPNG.png  **FAKULTI TEKNOLOGI MAKLUMAT DAN KOMUNIKASI**  **UNIVERSITI TEKNIKAL MALAYSIA MELAKA** | | |
| **ASSIGNMENT 1 : VIRTUAL REALITY/ AUGMENTED REALITY APPLICATION** | | |
| **BITM 3223** | **SEMESTER 2** | SESI 2 2014/2015 |

1. **OBJECTIVES**

The students should be able to:

1. Describe how the virtual reality works with regards to the selected area of application.
2. Identify the strength and weakness of the virtual reality application in the selected area.

**INSTRUCTIONS**

**For each student**, find a scholar article about a virtual reality or Augmented Reality applicationin academic journals or conference paper (e.g. IEEE, ACM, Springer, Elsevier). The articles must be within year 2010 – 2015. The areas that you can search into are:

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| ***Medical/ rehabilitation******Life-long training/education******Assistive Technology******Business/retail******Manufacturing*** | ***Scientific Research******Entertainment/games******Cultural/Heritage/Archaeology******Military******Architecture*** |

Each area can be covered by NOT MORE THAN **6 students**. Choose **ONLY ONE area** and **WRITE** a short essay not more than 2000 words which contains:

* Introduction
* How VR technology is applied in the chosen area
* The advantages and disadvantages of the VR application in the chosen area
* Conclusion

Submission dateline: **30 Mac 2015** (Monday, W6) latest by 5pm to my office.

State you selected area in this google form : **http://goo.gl/forms/7bUr1RJNHn**

**The assignment will be used in the PBL activity during Lecture session of W6** on **2 April 2015**.

1. **EVALUATION CRITERIA**

Here are some of the things that will be looked for when evaluating your work:

* **Originality or written in your own words. *ANY SUSPECTED OR PROVEN PLAGARISM WILL BE PENALIZED*.**
* Provide reference for justification.
* **Attached the original article in your submission**