***SSE4350 Software Architecture***

***Written Assignment (Pair)***

***Semester 1 2018/2019***

***Topic*:**

Software architecture is an important artefact of modern software system development. Discuss importance of software architectural process in software development and describe main role of the software architect who responsible to build software architecture.

***Dateline* : 28-September 2017 (Friday) – Hardcopy & Softcopy (upload via PutraBlast)**

***Paper Format:***

1. Font & Layout : 10 font times new roman, single space,
2. Pages : 3 pages
3. Page Header : refers as follows (no need front cover)

**Name Student 1 & Name Student 2**

**Faculty of Computer Science & Information System**

**Universiti Putra Malaysia**

**43400 UPM Serdang**

1. Figure/Table Label: Give label Figure at the bottom section and Table at top section (any

picture(s) or table(s) taken from the Internet, book etc must be cited.

***Suggested Sections:***

1. Introduction
2. Overview
3. Discussion
4. Conclusion

***Citation/References*:**

The reference section has at least 5 references from book, journal, article, hyperlinks or etc.

How to cite:

The following section shows a sample reference list with entries for journal articles [1], an LNCS chapter [2], a book [3], proceedings without editors [4] and [5], as well as a URL [6].

References:

1. Smith, T.F., Waterman, M.S.: Identification of Common Molecular Subsequences. J. Mol. Biol. 147, 195--197 (1981)

2. May, P., Ehrlich, H.C., Steinke, T.: ZIB Structure Prediction Pipeline: Composing a Complex Biological Workflow through Web Services. In: Nagel, W.E., Walter, W.V., Lehner, W. (eds.) Euro-Par 2006. LNCS, vol. 4128, pp. 1148--1158. Springer, Heidelberg (2006)

3. Foster, I., Kesselman, C.: The Grid: Blueprint for a New Computing Infrastructure. Morgan Kaufmann, San Francisco (1999)

4. Czajkowski, K., Fitzgerald, S., Foster, I., Kesselman, C.: Grid Information Services for Distributed Resource Sharing. In: 10th IEEE International Symposium on High Performance Distributed Computing, pp. 181--184. IEEE Press, New York (2001)

5. Foster, I., Kesselman, C., Nick, J., Tuecke, S.: The Physiology of the Grid: an Open Grid Services Architecture for Distributed Systems Integration. Technical report, Global Grid Forum (2002)

6. National Center for Biotechnology Information, http://www.ncbi.nlm.nih.gov