

**Universiti Teknologi MARA**

**Teacher Diary System Using Programme  
Evaluation and Review Technique (PERT)**


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**Thesis submitted in fulfillment of the requirement for Bachelor  
of Science (Hons) Degree Of Computer Science**

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## **DECLARATION**

I certify that this report and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledge in accordance with the standard referring practices of the discipline.

  
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## **ABSTRACT**

Diary is a book of everyone write about their personal activity. Teacher diary system is a system that build consist of PERT(Programme Evaluation And Review Technique) technique. There a few step to follow in way to get the result. In this system, PERT technique is use to determine percentage the lesson planning activity that has been given by Ministry of Education (MoE). This system also include three processes which is write diary or write lesson planning activity, update the written planning activity and also view the planning activity. The step use in PERT are mentioned in this research. To get the percentage of the lesson planning activity there is formula that need to be done to get the estimated time taken to complete lesson activity. In addition, the predecessor of every topics is also determine and the result are shown in this research. TDS (Teacher Diary System) also build to be use by three user which is school principal, teacher and administrator. The effectiveness of PERT technique to be use in web based system is determined. TDS ease teacher job in school by provided all the teacher need to write their lesson planning activity. TDS also has its own advantages over the conventional way which use book to write lesson planning activity. Therefore, this paper is discuss about how TDS is build and step by step process how to implement PERT concept in TDS. In addition, this paper also provided and information on how to improve the system for the future work which using tabular data to fine probability for complete teaching lesson.

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