

ABSTRACT

Communities need information result and medal tally at the SEA Games are fast, precise and in real time. To meet the community's performance in the delivery of information results and medal will be designed a web based applications so that people can get information and medal match result quickly and in real time with the implementation of asynchronous javascript and XMLHTTP.

Web designed by applying software engineering, will use the waterfall model (waterfall life-cycle) and technology asynchronous javascript and XMLHTTP. The design start from analysis of system using modeling in the form of context diagram, ERD, design data, DFD, specification process, the implementation and testing of the system. Passed all stages, except stages of installation and maintenance. Basis implementation using web programming and MySQL database. Testing is done only enjoy unlimited at any time using the system functional black box testing.

Keywords: Reporting result and medal tally at the SEA Games, waterfall model, ERD, DFD, PHP, MySQL, asynchronous javascript and XMLHTTP and black box testing.