

## ***ABSTRACT***

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Muay Thai or Thai Boxing is a Thai royal martial art. King Muaythai Bandung is a martial arts camp this muaythai camp was established since 2011. King Muaythai has 100 active members, and it is very difficult to arrange when many members want to make new member registration, pay their monthly quota of practice, because they still use manual system or paper and often the paper is lost or damaged consequently often found data duplication. Based on the problems found in the camp, an application to manage the data that fits with the need of the organisation. The Application is named as " Web Based Application Management King Muaythai Bandung ". The Application that shall be created may help the administration workers in the data management, and the application shall facilitate members in managing their activities online. The method of the development that is used is Waterfall mode. Essentially, the waterfall model has the steps such as; requirements definition, system and software design, implementation and unit testing, integration and system testing, operation and maintenance. It is expected that members could do the registration online, know the practice history and could do the payment. Admin could manage the data of the members, manage members' attendance, manage the payment and manage the data of the trainers. Trainers could also see the training schedule online.

Keywords :King Muaythai, Management application, Web Based, Waterfall, Data management