

ABSTRACT

This research aims to develop an effective back-end system for the xEV Center visitor management system application. The main objective of this research is to assist the xEV Center admin in validating incoming visitors. The approach used in this research is the iterative incremental method, which allows gradual system improvement through repeated iterations.

This research involves several stages, including the identification of features required by the admin on the xEV Center website's admin section, system design, and implementation of the admin back-end module on the xEV Center website. Testing is conducted using User Acceptance Testing (UAT) techniques to ensure that the developed system meets the expectations and needs of the xEV Center admin.

The testing results indicate that the use of the developed admin back-end module can simplify visitor data management, enhance access security, and facilitate administrative tasks related to xEV Center visitor management. With this back-end system in place, the xEV Center admin can more efficiently and effectively manage xEV Center visitor data.

Keyword : back-end, visitor management system, iterative incremental, User Acceptance Testing.