

ABSTRACT

The pilgrimage is the fifth pillar of Islam that must be carried out by Muslims around the world who meet the requirements both financially, physically and mentally. It takes preparation to perform the pilgrimage as one of them is to learn about the pilgrimage. With technology that is increasingly developing at this time makes it easier for prospective pilgrims in preparation for learning about Hajj. One technology that can be used to learn about Hajj is the Website, the Website itself is a collection of pages that display information on text data, image data, animation data, sound, video or a combination of all. Therefore the website is something that is easy for pilgrims and Umrah to find the information needed to learn about Hajj. In helping prospective pilgrims who will perform the pilgrimage, the authors make a hajj application website using one of the agile methods, namely the Extreme Programming system development method because this method promotes the development process to the needs of users by running 4 phases namely planning, design, coding, and testing. The expected outcome of this research is to build a hajj application website with Digital Ecosystems that can provide information about the hajj pilgrimage with features that fit the needs of users fully integrated into one website unit and provide services on the website that are very useful for users to make it easier to learn about hajj.