

**Universiti Teknologi MARA**

**Centralized Homestay Booking System  
For Bandar Laguna Merbok**

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## **ABSTRACT**

Bandar Laguna Merbok is a township with residential and commercial units. For anyone who likes to visit nearby area and wish to stay, there are homestay available within the residential area. There are agents who manages the homestay within where it involve manual procedure registering homestay and guest information. However, it is tedious when it comes on high demand season such as during festive season. Currently agents are using log book to record needed information to book any of the homestay. Secondly, for guest to book and check availability of the homestay, they need to give a call or message one of the agent asking for any availability to book at the moment. From that, a system has been developed to tackle the issues faced by agents who manages all of the homestay within and objectives of the project were identified which are to gather and analyse the requirement from the agent and guest of the homestay within Bandar Laguna Merbok, design a Centralized Homestay Booking system based on the obtained requirements and develop a system for guests and the agent where they may access, perform booking and manage the booking. As for the methodology, waterfall approach had been used in this project. The system focused on a web-based application in order to handle booking and manage all of the homestay registered. Finding stated that it is believe a system is able to minimize the effort for both agent and guest in terms of homestay reservation. The development phase prior with the system development emphasized on the use cases identified during requirement analysis phase where it includes all of the functional requirements within.

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