

ABSTRACT

More be promoted mobility, dynamics and development in society so more will be felt the communication needed that is not depend of place, time, and condition. *Wireless LAN technology* is a solution that gives simplicity for inter user data transfer in a high speed network, which enable their users to communicate without depend on physical network.

Hotspot Wireless LAN is readily available wireless network connection where users can connect to the Internet or Intranet, send and receive email, and download files all etc. without being encumbered by Ethernet cables, with a cheaper cost, even free of charge, by using network peripheral without wired supporting such as *PDA, handphone, Laptop or Computer Notebook*.

This final task discusses the planning, implementation, measuring and analysis of Hotspot in Hotel Bahari Inn Tegal where planning will amount user capacity what can do simultan connection, power link budget, coverage area, and others aspec which opinied important for building goodHotspot in Hotel Bahari Inn. As a result, the reliable internet access connection can satisfied end-users as well as gives profit for both service provider and location owner.

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