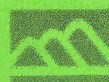


BIS 010



In collaboration with



UNIVERSITY
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The Derbyshire Business School

**Final Year Projects
6CC999**

A project completed as part of the
requirements for the

**BSc (Hons)
Business Information Systems**

entitled

**“An Investigation of Security
implementation of Wireless Networks”
by**

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in the years April 2006



Abstract

Recently, Wi-Fi becoming the preferred connectivity. However, the user always neglected the security concerns which are running a Wi-Fi hotspot with no proper security protection. Without these protections, Wi-Fi could lead data vulnerably and unflavoured activities.

Objective

So there were four objective of the present research to overcome these concerns. Firstly, investigate into current Wi-Fi hotspot implementation in terms of security status, which is rated as secured and insecure. Secondly, determine the effects of insecure Wi-Fi hotspot, how it will affects in term of monetary lost, or others aspects. Thirdly, investigate into the causes of insecure Wi-Fi Hotspot, including the view and awareness of both owners and users. Lastly, investigate into ideal effective method of securing Wi-Fi Hotspot, and make suggestions to implement Wi-Fi security, whilst considering conveniences.

Research Highlight

Therefore, questionnaires, site-survey, and interview have been adopted as a part of the research. The present research showed that average of the respondent lack of perceived awareness and trust toward Wi-Fi security concerns. Beside, RADIUS has been recommended as the ideal solution to protect and prevent the current uncertainty Wi-Fi concerns.