

**WEB BASED SOLID WASTE  
MANAGEMENT SYSTEM**

**Bachelor of Industrial Information Technology Dissertation**

**S. M. RAJAKARUNA**

**Industrial Information Technology  
Uva Wellassa University, Sri Lanka**

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## **Abstract**

With the development of human societies, urbanized areas have become much more vast and complex than the past decades. In parallel to the expansion of the urban areas, disposal waste has increased in large quantities. Solid waste management has become challengeable and tends to be a failure in many occasions, providing displeased environment to the society, such as surface water contamination, pollution, soil contamination and reduction of municipal wellbeing etc. Having poor management of disposal waste has cost many social and financial losses for the related authorities.

Web based solid waste management is focusing on solving the existing problem by implementing a virtual business transformation through this solution. For the success of this project a comprehensive requirement gathering was carried out in order to identify the factors which will be needed to design the solution. And have identified the poor waste management is a result of poor information acquisition regarding disposable waste and poor planning of selecting routes to collect waste in urban areas. This solution has designed and developed basically based on the above assumptions. This web based solution will able to fill the gap of poor waste management in urban areas by providing relevant information for the related authorities.