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# ONLINE RENTAL HOUSE MANAGEMENT SYSTEM (CASE STUDY: SOLOT SUITES LTD (SOROTI))

By

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A Project Report Submitted to the Faculty of Science Education  
For the Study Leading to a Project in Partial Fulfillment of the  
Requirements for the Award of the Degree of Bachelor of  
Science education degree of  
Busitema University.

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2020.

## **Declaration**

I OLOBO JULIUS Reg. No. **BU/UP/2017/1399** hereby declare that this Project Report is original and has not been published and/or submitted for any other degree award to any other University before.

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## Approval

This Project was done under my supervision and completely successful.

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## **Dedication**

This project work is dedicated to the ALMIGHTY GOD for making me being able to start up and successfully finish in sound health. Also to my parents as well for being supportive in the cause of this project work both financially and spiritually, to all my church members for the moral support and the spiritual support with the sincere prayers they made for me to attain this success and to my brother, sisters and close friends for being supportive and kind to me during the cause of this project work. May the almighty God bless you all abundantly?

## Acknowledgement

I thank the creator who enabled me to be free from any other obstacle, which could have not enable me to come up with the necessary knowledge to write this project. I do convey my appropriation to my supervisor and his fellow members who guided me in all ways so that I come up with this project report.

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## **List of Abbreviation**

Reg-No	Registration Number
RAD	Rapid Application Development.
RFID	Radio Frequency Identification.
KPI's	Key Performance Indicators.
SQL	Structured query Language.
SDLC	System Development Life cycle.
PHP	Hypertext Preprocessor
HTML	Hypertext Markup Language
CSS	Cascading Style Sheets
UI	User Interface
ICT	Information Communication Technology
UML	Unified Modeling Language
DFD	Data Flow Diagram.
ERD	Entity Relation Diagram.
CASE	Computer Aided Software Engineering

# Abstract

This research was based at improving bookings and minimizing the cost. One of the problems cited at the hotel is that the hotel used to advertise their services on posters and on streets. For this case, the main purpose of the study was to develop an online rental house management system for the rental to minimize these problems.

The main method used was the RAD from SSADM where the functional modules are developed in parallel as prototypes and are integrated to make the complete product for faster product delivery. Since there is no detailed preplanning, it makes it easier to incorporate the changes within the development process.

The major tools that were used in the implementation an online rental house management system are;

MySQL database server, Hypertext Pre-processor (PHP),Hypertext mark-up language (HTML) , Cascading style sheets (CSS) and JavaScript.

As well as collecting the relevant data through interviews, questionnaires, observations

Therefore an online rental house management system was developed to solve the problems that the rental is facing due to use of manual system in the way that the system enables the rental to handle booking activities online and meet the satisfaction of their customers .