



INFORMATICS
INSTITUTE OF
TECHNOLOGY

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6COSC023W – Final Project Report

**Project Title - A digital platform for Sri Lankan
customers who want to design their home
landscape(Landzcapy).**

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This report is submitted in partial fulfillment of the
requirements for the

BSc (Hons) Business Information Systems

at the University of Westminster

School of Computing & Engineering

University of Westminster

Date – 05/05/2022

Abstract

To create a favourable living environment, landscaping has become a significant consequence for humans and all living things. Creative landscapes that combine ecologically sound concepts and strategic techniques help to control excessive construction heat build-up, decrease energy and water consumption, and make a natural and healthy environment.

In Srilanka, the home landscape becomes a major component of every house. Because of the globalization of the economy and the changes in the trends Consumers' expectations and purchasing behaviors are changing. Landscape professionals must understand client needs and build a landscaping planning strategy that fulfills customer wants to stay ahead in the landscape sector.

The purpose of the project was to explore the problems faced by customers who wish to design their home landscape. This involves designing, implementing, and evaluating an IT-based solution that combines customer dissatisfaction and advanced technologies with the current process. Understanding of consumer purchases, landscape plans, consumer preferences, consumer conventions, social factors, financial factors, and technological aspects was evaluated. Use of research and the analysis through interviews with garden professionals and questionnaires conducted with clients and landscape professionals to provide innovative IT solutions for the proposed solution. As an effect, the digital solution "Lanzcopy" was developed.

Keywords: Landscape, Landscape Planning, Landscape in Sri Lanka, Crops, Garden Decoration Items, Landscape planning platform