

Senior Design Project Report

CSE/EEE/ETE 499

Online Urban Farming: Introducing online platform for garden lovers



Submitted By

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ELECTRICAL AND COMPUTER ENGINEERING

NORTH SOUTH UNIVERSITY

Spring 2020

Agreement Form

We take great pleasure in submitting our senior design project report on “Online Urban Farming: Introducing online platform for garden lovers”. This report is prepared as a requirement of the Capstone Design Project CSE/EEE/ETE 499 A & B which is a two semester long senior design course. This course involves multidisciplinary teams of students who build and test custom designed systems, components or engineering processes. We would like to request you to accept this report as a partial fulfillment of Bachelor of Science degree under Electrical and Computer Engineering Department of North South University.

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Online Urban Farming: Introducing online platform for garden lovers

Abstract

Urban agriculture is the one of the most relevant environmental innovation of the modern era. Sustaining green habitation in city areas has a great social, environmental and commercial effect among the city dwellers. In fact, the decision of urban plantation and rooftop gardening in city can make overpopulated city area more suitable for living with greener environment. Implementation of innovative ideas in this domain can increase the chance of a healthy environment. IT products can certainly be a sustainable solution to network people in the noble cause to make their populated cities with more green habitation. Moreover, online software solution can ease the process of urban plantation in urban spaces like rooftops, balcony, enclosed spaces with little sunlight. More specifically acquiring the tools and services related to gardening is seldom in the city. Online software based products can help people to network to other people who have implemented knowledge about urban farming. Also, people can get to buy and sell agricultural tools as well as the harvest. In this project, we aim to design, implement and test a software based solution for buying, selling, networking and giving knowledge about urban agricultural products among the online users.