

Final Year Project Report

KiddieRobe



Project Advisor:
Dr. Ghulam Mustafa

Submitted By:

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|-----------------------------|--------------------|
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Session
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University of Management and Technology
C-II Johar Town Lahore Pakistan

Dedication

We dedicate this effort to our parents.

Final Approval

Panel of Examiners

1. Head of Department

Department of Computer Science
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2. Program Director (Final Year Projects)

Department of Computer Science
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3. Supervisor

Department of Computer Science
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4. Co-Supervisor

Acknowledgment

First of all I would like to thank all my teachers and faculty members and specially my project advisor Dr. Ghulam Mustafa who has encouraged us to do this project. He motivates us with many things which we were first afraid of doing.

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Project Title

KiddieRobe

Objective

Single platform to the people who are willing to shop through some online shopping web portal. The sellers will also get a platform by which they can boost up their business. The cross platform web application can run on Linux, Windows and macOS. This people can compare different clothes of different brands in terms of design and price and order the desired. The people can also go to the market to shop the specific brand clothes if the seller at application is out of stock this platform is very helpful in terms of time saving.

Undertaken by:

Muhammad Arslan Asif 14007065345

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Supervised by:

Dr. Ghulam Mustafa

Starting Date:

20 December, 2017

Completion Date:

15 February, 2017

Tools Used:

1. Microsoft Visual Studio 2017
2. Microsoft SQL Server
3. UMLet tools for UML diagrams
4. Creatly tool for diagrams
5. Entity Framework
6. HTML,CSS,JavaScript and Bootstrap

Operating System:

1. Windows 10 Professional.
2. Ubuntu 16

Plagairism Report

Abstract

On-line stores is an emerging trend of shopping not only in big cities but also in small towns. This project is about the development of an e-commerce online shopping web application. Main idea is to fill the gap of market where every parent want to shop for their children. This platform will make the shopping easy for the parents to shop for their children using online shopping portal. It is a difficult task for parents to go shop by shop so this project will help out those people and will target on these people specially. This project is an emerging technology in the world informattion technology and on other hand it covers all the blank spaces in this area of technology. Some people are aware of this project but some are not aware of this thing till now. Surely it will create the awareness for the people in big cities and in small towns and then it will target on other countries too.

REVISION CHART

| Version | Primary Author(s) | Description of Version | Date Completed |
|----------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------|
| 1.0 | Muhammad Arslan Asif (14007065345) Muhammad Umair Ikram (14007065348) | Version 1.0 of the documentation will be submitted as Capstone I. | 14 February, 2018 |

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Definitions and Acronyms

The table for Definitions and Acronyms is given in Table 1.

Table 1. Table for Definitions and Acronyms.

| Acronym | Definition |
|----------------|-----------------------------------------|
| UMT | University of Management and Technology |
| POS | Point of Sale |
| CNIC | Computerized National Identity Card |
| SQL | Structured Query Language |
| MS | Microsoft |
| HTML | Hyper Text Mark Up Language |
| CSS | Cascading Style Sheet |
| JS | Java Script |
| WWW | World Wide Web |
| SMS | Short Message Service |
| GUI | Graphical User Interface |
| API | Application Programing Interface |

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1. INTRODUCTION

1.1 Motivations

The motivation behind choosing this application is to provide comfort as shopping these days is a hectic and a difficult task to perform specifically for kids. So this application provides comfort regarding kids shopping. Now days everyone is concerned to save maximum time by buying online and these trends is growing day by day.

1.2 Project Overview

Our project KiddieRobe is the online shopping web application for kids clothing brands. Our project will have two main stakeholders. One of them is Sellers who will add clothing items and upload their pictures and the other stakeholder is the customers who can view clothes, save for future reference or buy clothes from any of these brands. The system will also generate the sale reports for the sellers. This web application hits all kind of people interested in kid's clothes as they can buy the clothes of different brands through this online portal. Our main goal is to provide ease to the people and best services through this web application.

Our system functions include selling the clothes, view clothes, save for future reference and provide sales reports. Recommendations are based on the shopping history we will use some data mining technique like association rules. For initial data we crawl WWW until we get enough client-base then the data will come from crowd-sourcing. Being a web-based solution, the application can run on windows, macOS and Linux. Firewall protocols and traffic monitoring will be used to secure user's data and privacy. We will use https protocol and 128-bit encryption for financial transaction.