

Final Year Project Report
Brands Fields



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University of Management and Technology

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Dedication

We devote this work to our beloved guardians, educators and counselors for their support; since, they are the main impetus in our life and vocation. Without their affection none of this would have been possible. For the duration of our life, they have effectively upheld us in our assurance to discover and understand our potential and to make this commitment to our reality.

Final Approval

Panel of Examiners

- **Head of Department**
Department of Computer Science
UMT Lahore _____

- **Program Director (Final Year Projects)**
Department of Computer Science
UMT Lahore _____

- **Supervisor**
Department of Computer Science
UMT Lahore _____

Acknowledgement

We are greatly thankful to all those people who helped us completing this project. First of all, we would like to pay happiest thanks to our advisor “Sadia Khalid ” who helped us a lot and guided us in every step to complete this project. She helped us in her valuable time.

I am also thankful to all faculty members, Librarian and other staff members of Institute and all our loveable friends who gave us the useful tips and suggestions regarding the project

Project Title: Brands Fields

Objective: To gather all merchants on one platform and to provide an opportunity to e-commerce customers to choose from a large variety.

Undertaken by:

Supervised by : Mam Sadia Khalid

Starting Date : 22-11-2017

Completion Date: 16-08-2018

Tools Used:

- **Creately** : Use Case diagrams, sequence diagrams, collaboration diagrams and class diagram is drawn using creately tool.
- **Draw.io** : System architecture diagram is drawn using draw.io tool.
- **Photoshop** : Mockups of screens are designed using photoshop.
- **Illustrator** : To develop screens illustrator is used.
- **Html 5** : To develop front-end it is used.
- **Css 3** : To develop front-end it is used.
- **Bootstrap 4** : To make a responsive front-end it is used.
- **Vanilla JS** : To make a single page POS, system architecture and Ajax, JS is used.
- **JQuery** : For DOM manipulation, JQuery is used.
- **My SQL** : My Sql database is used in entire project.
- **Laravel** : All the backend development is implemented using laravel frame work.

Operating System : This system will be able to run on Mac, IOS, Android and ios operating systems.

Plagairism Report

Abstract

In a working era of modern world there is a problem to handle inventory and products in a system. Keeping in view this problem a POS system is developed to facilitate the brand owners. Business tools will be provided to brand owners which will be free to use. This system is developed in PHP using Laravel framework. It also uses many other tools for development purposes.

REVISION CHART

Table 1:Revision Chart

Version	Primary Author(s)	Description of Version	Date Completed
<i>1.0</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	Scope of the project was defined in this meeting	22-11-2017
<i>1.1</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	First phase of use cases were shown	27-11-2017
<i>1.2</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	Revised version of use cases were shown	29-11-2017
<i>1.3</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	Data Flow Diagrams Level 0	06-12-2017
<i>1.4</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	Data Flow Diagrams Level 0 & 1, ERD	20-12-2017
<i>1.5</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	Sequence Diagrams	30-01-2018
<i>1.6</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	Architecture Diagram & Initial Interfaces	01-02-2018
<i>1.7</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	Extended Test Cases	15-02-2018
<i>1.8</i>	Zain Shahid, Faraz Tanveer, Hamoud UI Rauf	Revision of document	16-08-2018

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Definitions and Acronyms

Table 2: Definition and Acronyms

Acronym	Definition
UMT	University of Management and Technology
POS	Point of Sale

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1. INTRODUCTION

1.1 Motivations

The motivation behind choosing this project was to facilitate merchants to make their online presence free of cost and to provide sales prediction and other business tools to help brand owners improve their sales.

1.2 Project Overview

Brands Field is an ecommerce website for the brand owners so that they can make their free of cost websites and market their products. For those merchants who have no websites or online presence, it will provide a range of business tools such as point of sale, inventory system, sales and purchase analysis reports etc.