

Final Year Project Report

Android Sales Order Application



Project Advisor:

Miss EmmenFarooq

Submitted By:

M Bilal Ch	110165075
Adeel Noor	110165134
Hafiza Mariah	110165197

Session

2011 - 2015

University of Management and Technology

C-II Johar Town Lahore Pakistan

Dedication

First and foremost, our group would like to dedicate this final year project we have done to Almighty ALLAH, for the strength and knowledge He gave us to do this project.

We also like to offer this project to our families, particularly to our parents, who had guided us and gave their love and support as we do this project.

We also like to dedicate this project to our teachers who gave us their support in making this project.

Last but not least, we dedicate this project to our beloved university, University Of Management And Technology, and we sincerely offer this thesis to serve as the legacy we will leave to our university.

Final Approval

Panel of Examiners

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

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

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

- 4) **Co-Supervisor**

- 5) **External Examiner**

- 6) **Controller of Examinations**

Acknowledgment

First of all we are grateful to Allah who gives us sound mind and sound health to accomplish our final year project. The completion of this task gives us much pleasure.

We would like to thank all the wonderful people whose support and encouragement made this project a possibility. We would like to especially thank our FYP supervisors, Miss EmmenFarooq and Sir Farooq Ali who gave us continuous guidance, assistance, and inspiration to continue efficiently working on our project and obtain promising results.

Special thanks go to Sir Rehmat who has given his full effort in guiding the team in achieving the goal as well as his encouragement to maintain our progress in track.

We would like to express our appreciation to the Dean, school of science and technology, Dr. Abdul Aziz Bhatti and also the chairman of computer science Department, Dr. TahirEjaz for their support and help.

Last but not least, we would like to present a special thanks to our families, for their love, understanding, encouragement, and confidence in us.

Thank you very much!

1- Sales and Order

Project Title :Android sales order application

Objective

This project is basically android based sales order app for Reso chemical company. The purpose of this app is to collect the order from client through smart phone which is advance and easy way. And the order taken process is ambiguity free there is no duplication by this way and the order is sent through by email and message to the warehouse of company for further process.

Undertaken by: Ma'am EmmenFarooq

Supervised by: Ma'am EmmenFarooq

Starting Date : 15 November, 2014

Completion Date: 20July, 2015

Tools Used: Android studio, oracle database, Navicat .

OperatingSystem:windows 7,Redhat 6

REVISION CHART

Version	Primary Author(s)	Description of version	Date Completed
Draft	All members	Requirement and information gathering	15/1/2015
Preliminary	Bilal Ch. Adeel Noor	Functional and non-functional requirements.	25/2/2015
Final	Maria Kiran Adeel Noor	GUI, Use cases and diagrams	28/5/2015
Revision 1	All members	Revised draft, GUI's use cases, use case model and sequence diagram.	5/6/2015
Revision 2	Adeel Noor. Maria Kiran	Revised functional and non-functional Requirements.	16/7/2015
Revision 3	Bilal Ch. Adeel Noor	Revised draft, use cases, architecture diagrams, GUI's, and data flow diagram.	1/7/2015
Revision 4	All members	Revised whole document.	10/7/2015

Table of Contents

Final Year Project Report.....	1
Project Advisor:	1
Submitted By:	1
Session	1
2011 - 2015	1
University of Management and Technology	1
C-II Johar Town Lahore Pakistan	1
Dedication.....	2
Final Approval.....	3
Acknowledgment	5
1- Sales and Order.....	7
REVISION CHART	9
1. INTRODUCTION.....	13
1.1 Project Overview	Error! Bookmark not defined.
1.2 Purpose	Error! Bookmark not defined.
1.3 Objectives.....	Error! Bookmark not defined.
1.4 Problem statement	Error! Bookmark not defined.
1.5 Guiding Principles	Error! Bookmark not defined.
1.6 Project Scope	Error! Bookmark not defined.
1.9 Target Audience.....	Error! Bookmark not defined.
2. SYSTEM DEVELOPMENT LIFE CYCLE.....	ERROR! BOOKMARK NOT DEFINED.

2.1	Planning	Error! Bookmark not defined.
2.2	Analysis	Error! Bookmark not defined.
2.3	Design.....	Error! Bookmark not defined.
2.4	Implementation.....	Error! Bookmark not defined.
2.5	Support	Error! Bookmark not defined.
3.	PROJECT PLANNING AND METHODOLOGY .	ERROR! BOOKMARK NOT DEFINED.
3.1	High Level Project Requirements.....	Error! Bookmark not defined.
3.3	Software Requirements.....	Error! Bookmark not defined.
3.4	Hardware Requirements	Error! Bookmark not defined.
4.	REQUIREMENTS	ERROR! BOOKMARK NOT DEFINED.
4.1	Functional requirements.....	Error! Bookmark not defined.
4.2	Non-functional requirements.....	Error! Bookmark not defined.
5.	ANALYSIS AND DESIGN	ERROR! BOOKMARK NOT DEFINED.
	DFD Level 0 Diagram.....	Error! Bookmark not defined.
	DFD Level 1 Diagram.....	Error! Bookmark not defined.
	DFD Level 2 Diagram.....	Error! Bookmark not defined.
6.	USECASE	ERROR! BOOKMARK NOT DEFINED.
6.1	List of actors	Error! Bookmark not defined.
6.2	Use case diagram.....	Error! Bookmark not defined.
6.3	Usecase description model	Error! Bookmark not defined.
	Use Case.....	Error! Bookmark not defined.
7.	TEST CASE	ERROR! BOOKMARK NOT DEFINED.
8.	IMPLEMENTATION	ERROR! BOOKMARK NOT DEFINED.
9.	PHP CONNECTIVITY CODE	ERROR! BOOKMARK NOT DEFINED.

9.1	container type:	Error! Bookmark not defined.
9.2	customer	Error! Bookmark not defined.
9.3	location	Error! Bookmark not defined.
9.4	salesman	Error! Bookmark not defined.
9.5	Salesorder detail	Error! Bookmark not defined.
9.6	Subcustomer	Error! Bookmark not defined.
9.7	User	Error! Bookmark not defined.
10.	PROJECT SCREEN SHOTS	ERROR! BOOKMARK NOT DEFINED.

1. INTRODUCTION

Currently, some businesses' employees engaging in outside sales use manual system and particularly use them to place orders. Unfortunately, this approach has a number of shortcomings. The employee or sales man cannot note down customer's order completely and accurately. When he forwards the order to the company, a lot of information regarding a particular order is incorrect or missed. This thing causes so many issues and delays in the order completion.

Wireless is an emerging communication technology frontier that offers the possibility of instant mobile communications. Given advances in mobile computing technology, the role of manual system seems certain to grow exponentially as more computing power and communications capability is included. It is in the best interest of business and information managers to take advantage of mobile technology to transform overall business strategies, operational efficiency, and information availability. It is essential to streamline business processes with mobile devices to maintain competitiveness and increase responsiveness in today's market.