

Final Year Project Report
Project Name
SwapIt (Android application)



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Dedication

We would like to devote the project to our mentors, who showed us that we can develop a creative application and for motivating us. We would like to give special thanks to our advisor and our co advisor Sir Muhammad Nabeel and Sir Bilal Hassan who have inspired me to do numerous things this year and to attempt things that I have never set out to attempt last year. We salute to all my previous and present instructors as they help to form youthful personalities and empower learning in all periods of life. Also, as moms, grandmas and incredible grandmas, we are never completed the process of instructing, and our families advantage from our past encounters.

Final Approval

Panel of Examiners

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- **Supervisor** _____
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Acknowledgment

I am very grateful and would like to express my sincere gratitude to my supervisor Sir Muhammad Nabeel for his invaluable guidance, continuous encouragement and constant support in making this Idea possible. I really appreciate his guidance from the initial to the final level that enabled me to develop an understanding of this research thoroughly. Without his advice and assistance it would be very difficult to complete this project.

I also sincerely thanks for the time spent proofreading and correcting my mistakes. I also would like to express very special thanks to Sir Bilal Hassan for his suggestions and co-operation especially in Graphics study.

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I cannot find the appropriate words that could properly describe my appreciation for their devotion, support and faith in my ability to achieve my dreams. Lastly I would like to thanks any person who has contributed to my final year project directly or indirectly. I would like to acknowledge their comments and suggestions, which were very important as an feedback for the successful completion of this project.

Project Title: SwapIt (Android Application)

Objective

Swapit is a mobile application which brings people to trade their pre-owned things. Swapit will provide users, the ability to share/exchange/swap used (pre-owned) things which they don't use any more. Swapit facilitates the users by providing location based trading platform and allows communication between both parties. Swapit will also offer the functionality to buy virtual money to exchange or purchase items on this platform.

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Starting Date: Monday, 20th March, 2017

Completion Date: Thursday 14 february, 2018

Tools Used: Android Studio

Operating System

Windows 8.1

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Abstract

Swapit is an Android mobile application which brings people to trade their pre-owned things. Swapit provides users, the ability to share/exchange/swap used (pre-owned) things which they don't use any more. Swapit facilitates the users by providing location based trading platform and allows communication between both parties. Swapit will also offer the functionality to buy virtual money to exchange or purchase items on this platform.

Sharing is caring. In our trends, we buy a lot of stuff and use for a certain period of time. Later on we don't need that stuff anymore. These can be your fashion items, electronics, books etc. All those things that the person does not want to sell but want to exchange with better item. We also require and offer services nearby, For which a person can Also Swap services If he do not want to pay for services and want to offer some service in return , This Application will also allow user to offer services in terms of another service. So with the motto "Sharing is Caring" SwapIt application provides complete platform where user can put their stuff or Services for exchange purpose. Application finds suitable offer for his\her items or services and provides communication platform, so that both parties can exchange the goods or the required services, nearby, So they may contact each other in person.

REVISION CHART

Version	Primary Author(s)	Description of Version	Date Completed
<i>Introduction</i>	Ammar Zaheer Hamza Shafiq Zohaib Amin	Introductory version created for brief introduction and further analysis	01/4/2017
<i>Preliminary</i>	Ammar Zaheer Hamza Shafiq Zohaib Amin	Second draft incorporating initial review comments, distributed for final review	23/6/2017
<i>Requirements Analysis</i>	Ammar Zaheer Hamza Shafiq Zohaib Amin	This version is create for user full fill basic requirements of the user that depend on the software.	16/9/2017
<i>Revision 1</i>	Ammar Zaheer Hamza Shafiq Zohaib Amin	Revised draft, revised according to the change control process and maintained under change control	20/11/2017
<i>Final product</i>	Ammar Zaheer Hamza Shafiq Zohaib Amin	It consist all revised version of the documentation started implementation	14/2/2018

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Definitions and Acronyms

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

Table 1: table of acronyms and definitions

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1. INTRODUCTION

1.1 Motivations

Our Society is using an online application named OLX. It is a sale and purchase android application which motivates us to develop an application for all people. Our focus is young people. Because there are lot of things they have but they aren't using them in routine and also, they are continuously buying new things, sometimes they haven't enough money to buy a new thing, so they have to wait, but our application provides them a solution like **give and take(swapit)**.

1.2 Project Overview

Swapit is a mobile application which brings people to trade their pre-owned things. Swapit will provide users, the ability to share/exchange/swap used (pre-owned) things which they don't use any more. Swapit facilitates the users by providing location based trading platform and allows communication between both parties. Swapit will also offer the functionality to buy virtual money to exchange or purchase items on this platform.