

# Final Year Project

## Handbook



### Doodling Mobile App

A project submitted to the University of Management and Technology (UMT), Lahore for the degree of BS Honors in Computer Science.

By

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Project Supervisor: Sir Syed Farooq Ali

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# Dedication

Every challenging work needs self-effort as well as guidance of elders especially those who are very close to our heart. Our humble effort dedicates to our sweet and loving **Parents** whose prayers have made this effort successful.

Our humble dedication also goes to our **Advisor** whose untiring support and assistance have made possible the fruition of our efforts.

Most of all our dedication to our great creator; our **Almighty God**, the author of knowledge and wisdom who made this possible.

# Final Approval

## Panel of Examiners

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

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

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- **Co-Supervisor**

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**Project Title**

Doodling Mobile App

**Undertaken By**

ZunairaAkram

**Supervised By**

Sir Syed Farooq Ali

**Starting Date**

25/11/2014

**Completion Date**

20/11/2015

**Tools Used**

Android Studio, Android SDK, Android build tools version 22

**Operating System**

Windows

**Documentation****Functional/ Non-Functional Requirements**

# **REVISION CHART**

<b>Versions</b>	<b>Primary Author's</b>	<b>Description of Versions</b>	<b>Date Completed</b>
1.0	ZunairaAkram	Initial Draft	1/12/2014
1.1	ZunairaAkram	Functional / Non-functional Requirements	15/12/2014
1.2	ZunairaAkram	Scope Description	19/12/2014
1.3	ZunairaAkram	Design of the system	3/1/2015
1.4	ZunairaAkram	Updated design of the system	8/1/2015
1.5	ZunairaAkram	Capstone 1 report	15/1/2015
1.6	ZunairaAkram	Capstone 1 report finalization	3/2/2015
1.7	ZunairaAkram	Prototyping	28/2/2015
1.8	ZunairaAkram	Objects making	5/3/2015
1.9	ZunairaAkram	Class Designing	19/3/2015
2.1	ZunairaAkram	Coding	10/5/2015
2.2	ZunairaAkram	Integration	26/5/2015
2.3	ZunairaAkram	Final Implementation	25/8/2015
2.4	ZunairaAkram	Testing	15/9/2015
2.5	ZunairaAkram	Documentation	18/11/2015

# Statement of plagiarism

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Date: \_\_\_\_\_

# Acknowledgement

Any accomplishment requires the effort of many people and there is no exception. This handbook is a result of collective effort. I would like to express my deepest appreciation to all those who provided me the possibility to complete this project. First of all, I thank to Allah Almighty, who pulled me through the times when every stone was turned against me. Without His consent, nothing is possible.

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Finally, if I have mistakenly omitted to giving credits, I want to accept the humble apology and I want them know that without their support there will have difference in this task.

# Table of contents

<b>Abstract .....</b>	<b>10</b>
<b>1. Introduction.....</b>	<b>11</b>
<b>2. Goals and Objectives.....</b>	<b>11</b>
<b>3. Scope.....</b>	<b>11</b>
<b>4. Customer.....</b>	<b>12</b>
<b>5. Stake holders.....</b>	<b>12</b>
<b>6. System Requirements.....</b>	<b>12</b>
<b>6.1Functional Requirements.....</b>	<b>12</b>
<b>6.2 Non Functional Requirements.....</b>	<b>13</b>
<b>7. Use Cases.....</b>	<b>15</b>
<b>8. Code.....</b>	<b>24</b>
<b>9. Conclusion.....</b>	<b>66</b>
<b>10. References.....</b>	<b>67</b>
<b>11. Appendix.....</b>	<b>68</b>
<b>12. User Interface.....</b>	<b>69</b>

# List of Figures

ERD.....	14
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# Abstract

As we go back few decades, drawing and sketching are the arts which people more like to use, to express their feelings but now a day, a new concept which is named as 'Doodle' is also used and liked by the persons. Doodling is a great fun and a way of express yourself that may just be abstract shapes or a concrete representational meaning. There are some applications related to doodle introduced in the market but each one has some unique functionality. My "Doodling Mobile App" would also be helpful for the users to express their emotions in the way of painting with a lot of features in it. People can doodle through this mobile application.

