

**Final Year Project Report**  
**TAP ALPHA ANDROID APPLICATION.**



**Project Advisor:**  
**Ms. Emmen Farooq**

**Submitted By:**

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**Session 2011-2015**

**University of Management and Technology**

## **C-II Johar Town Lahore Pakistan**

## **Dedication**

We dedicate our work to our parents whose words of encouragement and push have always been a source of constant motivation. We'd also like to extend our dedication to our teachers who inspired us to excel in life and for instilling a love for learning in us.

## Final Approval

### Panel of Examiners

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

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

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3) **Supervisor**  
Ms. Emmen Farooq  
Department of Computer Science  
UMT Lahore

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4) **Co-Supervisor**

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5) **External Examiner**

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6) **Controller of Examinations**

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## **Acknowledgment**

In the name of Allah, the Most Gracious, the Most Merciful, all praises to Allah for the strengths and His blessing in completing this project. He has helped us in every phase of life and without His blessings it was impossible to finish what we started.

We'd like to pay our gratitude to our supervisor, Ms. Emmen Farooq for providing necessary details and resources to complete our project. This work would not have been possible without her guidance, kindness and encouragement.

Finally, we thank all those who have helped us either directly or indirectly in the completion of our project. Anyone missed in this acknowledgement are also much appreciated. If we left to mention someone's name here, we apologize for that. Again, we would like to express thanks to everyone who supported and helped us during work.

**Project Title** Tap Alpha(An Android Application)

**Objective** To simply provide a platform for pre school children to learn Alphabets from this Application. This Application will provide the fastest way of Learning Alphabets to the Children.

**Undertake by** Amna Shahid , Ahmad Ayyaz , Saaman Nadeem

**Supervised by** Ms. Emmen Farooq

**Starting Date** 27 June , 2013

**Completion Date** 13 June, 2015

**Tools Used** Eclipse , Android Sdk , Adobe Photoshop

**Operating System** Microsoft Windows 8

### **Abstract**

The idea of this project is to develop a platform for the pre schooling students to have the basic concepts of Alphabets .Through this application parents or as well as teachers of schools can teach their children, how to learn the Alphabets and how to recognize them. This Application provides a very fun way to learn the Alphabets fast. Child will find this application so interesting that they will play this Alphabet game regularly. This Application will help the child to learn the Alphabets in Sequence , this will also help them to recognize the Alphabets after hearing sound and this will help them to learn both the Upper case or Lower case Alphabets.

This Application will be a better start for kids Future. The parents will find this application a very knowledgeable and interesting activity for their kids. By this application parents would be able to see their child progress , how fast they are in learning Alphabets . This Application will also be helpful for the teachers in school , they can teach Alphabets to the pre

schooling students by this Application. This Application provides kids a better and faster way to learn Alphabets.

One of the bigger challenges that the society faces is ensuring that children get education in a proper way, so that they may develop their skills and consequently, contribute to the society. The objective of this study is to design a system that will help children in their education. The system will be run on the Android platform, a popular platform where a great number of smart phone device applications are run.

## 1. REVISION CHART

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<b>Version</b>	<b>Primary Author(s)</b>	<b>Description of Version</b>	<b>Date Completed</b>
<i>Draft</i>	All members	Requirement gathering and information gathering	20/11/2014
<i>Preliminary</i>	All members	Functional and Non Functional Requirement	09/12/2014
<i>Final</i>	Amna Shahid, Saaman Nadeem	GUI, Use Cases and Diagrams	02/03/2015
<i>Revision 1</i>	Ahmad Ayyaz , Amna Shahid	Revised draft, GUI's Usecases, Sequence Diagrams	18/04/2015
<i>Revision 2</i>	All members	Revised draft, GUI's Usecases , Usecase Model	27/04/2015
<i>Revision 3</i>	All members	Revised Functional Non Functional requirements , Class diagram.	15/05/2015
<i>Revision 4</i>	Amna Shahid	Revised Draft , Data Flow diagrams	10/07/2015
<i>Revision 5</i>	Saaman Nadeem , Amna Shahid	Revised Draft, Use cases, Architecture Diagram, Class Diagram, GUI's	03/8/2015
<i>Revision 6</i>	All members	Revised whole documents	12/08/2015

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