**The Quiz Game**

**-Abstract**

**This Quiz Game Help Students To Test Their Knowledge In Four Different Subjects With 2 Different Modes.**

**-Input Details & Modes**

* **Categories**

1. **New User**

**- It Will Ask Users To Enter His / Her Name With His / Her Id To Maintain Record. After User Enter The Name & Id , It Will Show Instructions Of The Game & Then Display A Welcome Message For The User.**

1. **Old User**

**-It Will Ask User For His Id & Check If That Id Exists Or Not. If It Exists, Then It Will Continue The Game With His Previous Performance Record. Otherwise, It Will Display A Message**

**“No Such User Found”.**

1. **High Scores**

**-It Will Ask The User His Id , Subject & Mode In Which He Played Quiz & Then It Will Display His Current Highest Score In That Mode.**

1. **Credits**

**-It Will Display The Credits.**

* **Quiz Subjects**

**1)Chemistry**

**2)Physics**

**3)Mathematics**

**4)Computer**

**5) General Knowledge**

* **Quiz Modes**

**1)Normal Mode**

**- It Will Display Total Of 60 Questions Randomly From Subject File And User Have To Answer Them Within 10 Minutes. If He Failed To Answer All The Questions In Given Time, Or If He Answered All The Questions Before The Time Duration ,Then His Final Score Will Be Displayed & His Score Will Be Saved In The Game Scores Files.**

**2)Arcade Mode**

**- It Will Display Total Of 60 Questions Randomly With No Time Limit But The User Will Be Given 5 Lives To Answer The Questions.For Each Wrong Answer, There Will Be A Decrement In Lives & Game Will Be Over When There’s No Life Remaining.**

**-Special Features**

**\* Random Questions Are Displayed From The File Everytime. No Same Question Is Repeated Again.**

**\*Use Of Strtok Function While Reading Subject Questions File Lines To Display Options Of Displayed Questions.**

**\* Loading Screen**

**\* Timer To Show The User How Much Time Has Passed.**

**\* Timer Sound For Every Second Passed.**

**\* High Score Of Any User Can Be Searched By Entering His / Her Id.**

**-HIPO**

**The HIPO below shows the working of our program.**

**-References**

**\* It Was Totally Our Own Idea To Make A Game Like This By Thinking Of Universities Entry Testing Systems. We Did Not Take Any Help From The Internet In Our Project But We Were Having An Issue While Getting A Key From User While Running Our Timer Which We Asked Sir Irfan So He Told Us About A Predefined Function Called Kbhit Which Solved Our Issue.**

**-Made By :-**

**Tashik Moin Shaikh K180142**

**Mustafa Mirza K180309**

**Anfaal Ahmed K180180**

**---------------------ThankYou-------------------**