

## [BLACK-C.ONE]

[THE TINY VIRTUAL MOBILE VIEW OS!]

[Team: C2] | [Course: CSE-115.8] | March 26, 2016



### Team Members

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## Introduction:

C is a very commonly known programming language in the whole world. In the CSE 115.8 the course of programming language(c) we've learned some really interesting and useful for the first time. Therefore, when we thought about the subject of our project we decided to make something that has never been done before in C programming. And suddenly the idea of mobile phone came to our mind.

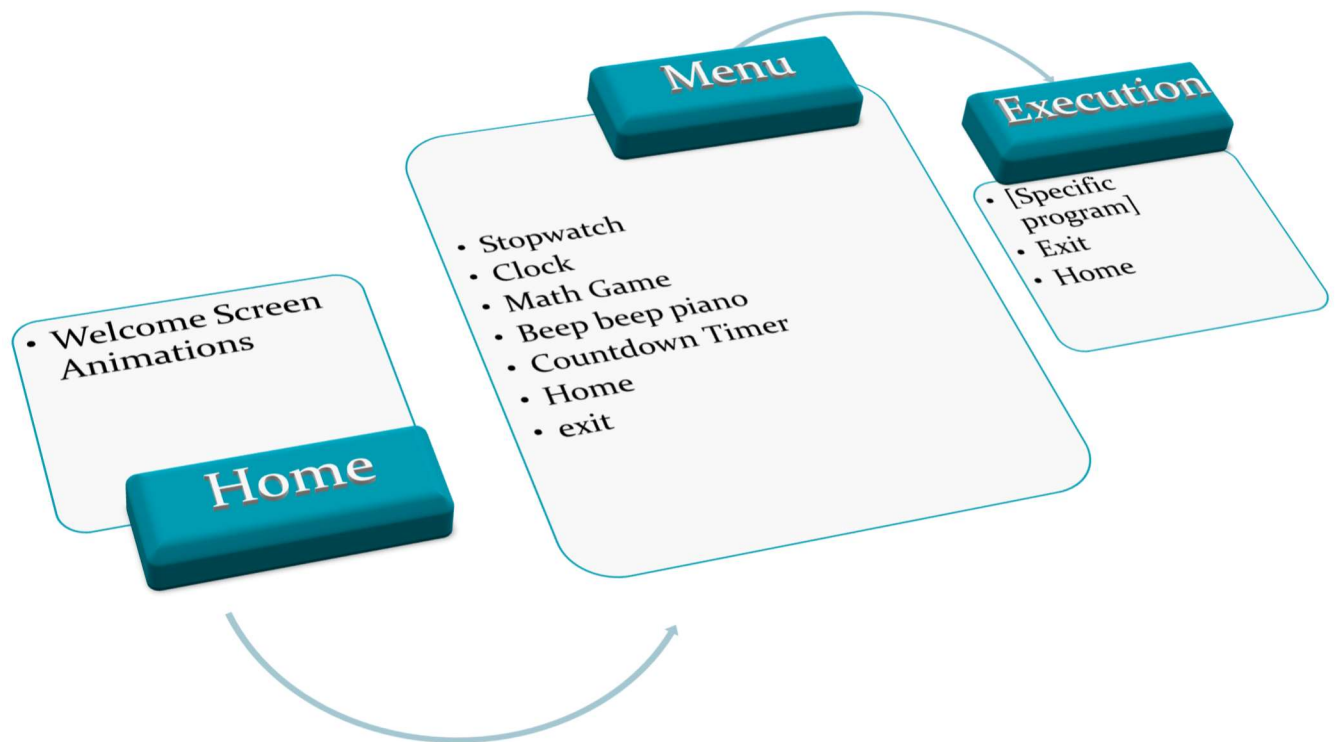
## BLACK-C.ONE:

The name of our virtual mobile operating system is Black-C.one. This one works in any computer with Codeblocks software. For technical problems we could not add the sim card connection to it. So it always shows no sim. And it cannot perform all the works related to sim or network or internet! For example: incoming calls, outgoing calls, messages, dials, web browsing.

## ELEMENTS OF THIS PROGRAM:

Elements	Works
<b>01. Welcome Screen</b>	Gives you an animated warm welcome whenever you turn on the program.
<b>02. Home Screen</b>	A permanent screen appears as home containing basic date and other information similar like a NOKIA 1100 old handset!
<b>03. Menu</b>	A list of abilities that a user can use in this program.
<b>04. Stopwatch</b>	The first item in menu is a simple stopwatch, that has an ability to count up to 11 hours and 59 minutes maximum. A user can pause and continue or exit any time form this program.
<b>05. Clock</b>	A simple clock is added here that shows the Exact time of the current system in which the program is running.
<b>06. Beep Beep Piano!</b>	A simple piano program that performs beep sounds of various frequencies in user defined time duration.
<b>07. Countdown Timer</b>	A program that counts back from user inputs to the time o seconds just like a countdown timer.
<b>08. Home</b>	A way to get back to the home screen again!
<b>09. Exit</b>	The only way to shut down and exit the program!

## PROGRAM DIAGRAM:



## USER GUIDE:

01. Run the program and wait until home screen appears.
02. In home screen, press m for going to menu and press c for contacts.
03. In menu, follow screen instructions number and press them for opening each items. If you press wrong number or any other key, then it will pop up a message for almost 1.5 seconds and will let you try again.
04. To exit or turn off the phone, go to menu and simply press x. Soon it will shut down.