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| HDCBIS 13.2 |
| OOP Project |
| KURUNEGALA Blood Bank |

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| To Mr. H.M.C.B. Herath  1/3/2014 |
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OOP Concept

Object-Oriented programming is an approach to designing modular reusable software systems.... Although discussions of object-oriented technology often get mired in the weeds of details about one language vs. the other the real key to the object-oriented approach is that it is a modeling approach first Although often hyped as a revolutionary way to develop software by zealous proponents, the object-oriented approach is in reality a logical extension of good design practices that go back to the very beginning of computer programming. Object-orientation is simply the logical extension of older techniques such as [structured programming](http://en.wikipedia.org/wiki/Structured_programming) and [abstract data types](http://en.wikipedia.org/wiki/Abstract_data_types). An object is an abstract data type with the addition of [polymorphism](http://en.wikipedia.org/wiki/Polymorphism_(computer_science)) and [inheritance](http://en.wikipedia.org/wiki/Inheritance_(object-oriented_programming))

The goals of object-oriented programming are:

* increased understanding
* ease of maintenance
* ease of evolution

JUNIT Testing

JUnit is a unit testing framework for the Java programming language. JUnit has been important in the development of test-driven development, and is one of a family of unit testing frameworks which are collectively known as xUnit that originated with SUnit.

JUnit is linked as a JAR at compile-time; the framework resides under package junit.framework for JUnit 3.8 and earlier and under package org.junit for JUnit 4 and later.

* In this OOP Project we used JUNIT 4.0 for our testing

Functionality

Blood Bank Kurunegala

1. **Donor Registration**
2. **Donor physical and medical details**
3. **Acceptor Registration**
4. **Acceptor physical and medical Details**
5. **Report generations**

**Group Members**

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