

# C++ PROJECT DIARY

## Day1:

**Date-09/10/2014 (Thursday)**

**Time-12:30 pm -1:15pm**

**Venue- 4<sup>th</sup> Floor,H-16(C)**

We talked to our Teaching Assistant Akshay about 45 minutes to finalize our project. We will do the project on Library Management System. We also decided to study 'Structures' and 'Classes' in C++.

## Day2:

**Date-12/10/2014(Sunday)**

**Time-2:00 pm – 3:00 pm**

We met again to discuss about 'Structures', whatever we had studied individually from the book on C++ by Abhiram Ranade. We will use this in our project. We also decided to discuss 'classes' in our next meeting.

## Day3:

**Date-16/10/2014**

**Time-2:30-3:30**

**Venue-Computer lab.(Maths Dept.)**

We discussed about 'classes' and their uses in our project.

## Day4:

**Date-18/10/2014**

**Time-3:00pm - 6:00pm**

**Venue-H-16(C),R No.-703**

We discussed about Software Requirement Specification (SRS) document, Draft User Manual, Project Diary. We saw some samples of SRS from Internet. We also saw the topic SRS from the book on Software Engineering by Rajeev Mall. We met to our Teaching Assistant to discuss about prototype of our SRS.

## Day5:

**Date-28/10/2014**

**Time-6:30pm – 8:00pm**

**Venue-Library**

Today we have created our very important class 'Books'.The class book includes the strings book name (indicated in program as bname) and Author name(indicated in program as aname).These 2 strings together with the serial number are declared as private by the definition of class.We have also used the function like create\_book, show\_book and modify\_book which works as their name suggests.

**Day6:**

**Date-02/11/2014**

**Time-10am -01:00pm**

**Venue-C type Qtrs.**

Today we have created the class student.which includes the functions create\_students, show\_students and modify\_students.We also used files in our program today.Our team leader Geetanjali has done most of the work in files.I and Priyanka also tried to understand how to handle files.Priyanka has created a text file which include the name of the students.I created a text file containing books.We decided to meet in the lab.

**Day7:**

**Date-05/11/2014**

**Time-08:15pm -10:00pm**

**Venue-OSL**

I and Geetanjali were present today.We discussed to include functions function delete\_book, delete\_student.We also talked about the format of display menu and we checked our program done so far.I also took some help from Geetanjali to understand files. We decided to do remaining major portion of our programming in our next meeting.

**Day8:**

**Date-15/11/2014**

**Time-02:00pm – 05:15pm**

**Venue -Library**

We met today to create our Display Menu.We created functions book\_deposit(), book\_issue(), display() and admin\_menu etc.admin\_menu() will provide all the functionality to the administrator.book\_deposit() function will help to deposit the books and book\_issue will help the library user to issue the books.We also created the function display\_all() to display the list of all students and similarly the function display\_allb() will display all the books.

We are done with major part of our programming.We decided to meet after the end semester examination to cross check our whole program.

**Day9:**

**Date-24/10/2014**

**Time-02:00pm – 06:00pm**

**& 07:00pm – 10:00pm**

**Venue – Library and H-16**

Our end semester examination is over.we devoted the whole day to make our program readable,well organized and bug free.Most of the work done by our team leader Geetanjali.Finally we have a good LIBRARY MANAGEMENT PROGRAM at 10:00 PM.

END