**CS-101 PROJECT DIARY**

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**Lab Batch- 75**

**Team- 2**

* **Date: 12/10/2010**

Time: 5.30pm-6.00pm

Venue: KRESIT building

I joined the our lab batch meeting with my T.A. and finally we selected our project 'Banking Applications'.

* Date: 13/10/'10

Time: 4.00pm-5.00pm

Venue: Mathematics Department

The entire team members with all other group members discussed about the basic structure.

We decided to meet at Hostel -13 Sky Bridge for making a basic runnable program .

* **Date: 14/10/2010**

I study about banking application and basic requirement of a banking and its various functions ,how does banks provide service to us and how a software

made it's job easier.

Finally a runnable programm with different desired function allocation was done.

* **Date: 16/10/2010**

Time: 10:30 Am

We decided to work on diffrent function ,my group have to work on function creating an account.

* **Date: 16/10/2010**

Time: 5:30pm-7:30pm

I and my group mate Kush , Abhishek ,Pankaj mate in Sky Bridge .We started working on creating an account we defined a structure .

user\_details. the attribute of user\_details were name, age,account balance account number.

A usefull programm was made ,the only prolem was we were unable to give uniqe account number to each individual. We send what we have done to our whole team including our T.A. we end todays work .

* **Date: 18/10/2010**

Time: 5:30pm-8:00pm

Again i and our team meet at hostel comman room and continue to work for providing unique account number. Finally this problem was overcame by including another library function <cstdlib> and use of “atoi” function. Using “feof” function we read last character which was account number of last member ,then it was converted to number by ucse of 'atoi” function, by which a new account number adding one to last obained account number was given to new customer.

* **Date: 23/10/10**

Time: 5:30pm-11pm

What ever i my team had done was not appropiate for other functions to work on and we had to do some modification in our prvious work and to write code for some other functions.

I and Kush started working together on sone functions Shnehanshu and jaydeep started on some oter function in comp room Sky Bridge.

I and Kush first started on “start” function in this function we wrote a code for begining of the day work ,in this when our day work start it reads original “rcord file” if it it exist,it gives segmentation fault if there is no “record file”, and cout “data received if record file exist”

this was basically done for purpose of updating the “record file” when we do any change in previous status.

Then we wrote code for “finish “ function by which we remove the original “records.txt” by reading by “start” function and create the updated “record.txt”.

At last we modified our create an account function for ouer desired purpose an geting it in desired format.

Initially we had some problem of getting undesired account number basically asigned 0 000 00 to un specified customer of the array. I removed this by taking number of account in previous “record.txt” using this number for bound of updated “record.txt” .

In this way we had number of account in our previous “record.txt” using this number in aray we asigned unique account number to new customer.

Date:01/11/10

Time:3:00pm-8:00pm

We started working on interest function and a lots of issues arisen we find some useful result for future use.

Date:03/11/10

Time:4:30pm-8:30pm

Whatever result we had from previous day we started with that . we were able to read time from string and print time as string but during conversion from string to time month was reduced by one and year was also printing undesirable.

Date:04/11/10

Time:12:30am-3:30am

We again started working and observed that difference of time was correctly calculated by same function and we thought use that ,what basically needed.

Date:04/11/10

Time:4pm-9pm

We made function for interest and called it in function of deposit and withdrawal

Date:06/11/10

Time:2:30pm-7:30pm

In this way of calling function of interest it was not justified to all customer and we made it per second compound interest. So it was justified to all customer whether frequently update or not.

Date:08/11/10

Time:3pm-8pm

For completion we called time function create an account and for updating balance during balance enquiry in balance enquiry function an did other required changes.