PROJECT DIARY

*GRAPH PLOTTER*

TEAM MEMBERS :

1. Gaurav Chauhan(Team Leader)
2. Harvinder Singh Gill
3. Vishnu Guddanti
4. Sriraj Eluri
5. Gourav Basu
6. Himanshu Kumar Bharti
7. Hansraj Kumawat

Main Diary:

Date -28 sep 2011

Venue : OSL

Time :8:30pm to 10:30pm

Activity: First of all our team members discussed about the choice of projects and analysed each project,about the effort involved, challenges offered and the prominent among them are the mainly three topics:

1)Image Editing project.

2)Graph Plotter

3)Banking Software

Date-1 oct 2011

Time: 5:30 pm to 7:00 pm

Venue :Meet at H2 lounge

Activity : The requirements of different project , easiness and difficulty and our limits to handle them were discussed .After thorough discussion and vote out ,graph plotter was finalised as project for our group.

Date -5 oct 2011

Time: 8:30 pm to 10:30 pm

Venue :OSL

Activity :Finalised the scope of our Graph plotter. Our graph plotter will plot graph and derivative of given elementary functions only. Besides it will draw freedom of movement across XY plane.

Date- 9 oct 2011

Time: 5:30 pm to 6:30 pm

Venue : H2 lounge

Activity : We discussed about the different scopes of our projects and the members

suggested their views about the graph plotter.

We went through different problems.

1) How to convert input string into an expression which we take as function?

We decided to solve this problem by using Parser and this will be done by Team A(Gaurav, Gourav and Himanshu).

2) If we have the solutions of the equation at different points then how to plot the graph of Function and it's Derivative from it?

We decided that Team B( Harvinder,Sriraj,Hansraj and Vishnu) will work on Ez Window which is the Output Part.

Date- 12 oct 2011

Time: 8:30 pm to 10:30 pm

Venue :OSL

Team B

Activity : Test run the sample programs of EzWindows.read their codes and have noted the functions and class to be used in the ezWindows.Thoughts and wrote basic structure about display of graph plotter.

Team A

Activity: Find out about the header file parser.h try to understand its working from various programs . Basically in this lab just briefing about how the file works was expected from its members.

Date- 14 oct 2011(Team B)

Time: 6:30 pm to 7:30 pm

Venue :H2 lounge

Activity : Our team members discussed about the material for our study of EzWindows.We decided to start reading EzWindows and class construct from Cohoon and Davidson book.

Date- 15 oct 2011(Team B)

Time : 6:30 to 7:30 pm

Venue : H2 lounge

Activity : We discussed the basic working of output with other members working on output.

Work was divided between us:

1) Graph plotting functions :This will be done by Sriraj

2) Co-ordinates writting function and Griding : This will be done by Hansraj

3) Basic interface of graphical input : This will be done by Vishnu

Harvinder will be coordinates us and working on mouse clicking function.

Date- 16 oct 2011(Team A)

Time: 7:00 pm to 8 pm

Venue :H4 lounge

Activity :Discussed the problems faced in understanding the functions of parser.h like how to pass strings to it , in what form the answer we will get etc.

Date- 19 oct 2011

Time : 8:30 pm to 10:30 pm

Venue :OSL

Team B

Activity: Discussed the various problems faced by team. Solved them and compile the program with predefined functions(not from input). The program runs fine.

Team A

Activity: We read previous years graph plotter projects and we are able to find a calculator explicitely based on parser taking input as string and calculating the string . We then collectively work on how to use it to ease our programming.

DIWALI WEEK: NO WORK DONE.

Date- 2 nov 2011

Time 8:30 pm to 10:30 pm

Venue :OSL

Team B

Activity : Made a few changes in output and finally merged it with the parser from input. Debugged the many errors but program runs fine.

Team A

Activity: We needed a program to convert the variable “x” present in the function to a float variable which we can pass on the calculator to calculate the functions value.We then merge the codes of the two teams to test run. Team A’s work finishes.

NO MEETS ORGANIZED IN THIS PERIOD DUE TO QUIZES.

Date- 9 nov 2011

Time 8:30 pm to 10:30 pm

Venue :OSL

Team B

Activity: Tries to also add the plot of the indefinite integral to the main program.

Team A

Members start writing comments and systemize the code.

PEER REVIEW DONE.

Date -10 nov 2011

Venue- H4 lounge

Time: 8pm to 9pm

Activity: Team coordinator checks the updated individual diary and project report making assigned to Himanshu and Vishnu .

Collaborated diary will be made by team coordinator.

Date – 11 nov 2011

Venue- OSL

Time-11pm to 4am

Activity: Harvinder and Sriraj add various new features like buttons and a part of the program to calculate integral and critical points to add extra and to make our graph plotter much more efficient ,user friendly and with more options.

Date – 12 nov 2011

Venue – H13

Time – 10:30 am to 12:30 am

Activity: Project report completed by harvinder and himanshu.

***Time Devoted By Each Member***

Discussions | Design | Programming | Testing | Documentation| Miscellaneous

Gaurav 6.5 4 7 3 5 7.5 Harvinder 9 9 9.5 4 2 4

Himanshu 9 1 2 0 9 6

Gourav 5.5 1 1 0 0 4.5

Vishnu 4.5 0 1.5 1 2 4

Sriraj 5 4.5 5 3 2.5 6

Hansraj 10.5 0 2 3 1 5

***PEER REVIEW***

**GAURAV CHAUHAN - 10**

**HARVINDER SINGH GILL - 10**

**GOURAV BASU - 6**

**HIMANSHU KUMAR BHARTI - 7**

**HANSRAJ KUMAWAT - 6**

**VISHNU GUDDANTI - 5**

**SRIRAJ ELURI - 9**