

PROJECT DIARY

Name :Shivaswamy M

Roll No : MA 145090001

Batch : 11 ; Group : 04

Project Name : Vertigo Flight Booking

Date : 13 Oct 2014

Team Members

Shivaswamy M 145090001

Madhusudan Jangid 145090011

Ruma Rani Maity 145090016

Our team discussed about choosing topic.

Date :06/10/2014

Time :08:00 pm

Our team discussed that our topic is Flight Booking Application.

Date :07/10/2014

Time :09.30 pm

Each member has collected information about the project.

Date :12/10/2014

Time :06.00 pm

Discussed about compatibility of GUI/console application

Date :13/10/2014

Time :08.00 pm

created design document and SRS document.

Date :15/10/2014

Time :06.00 pm

created Algorithm.

Date :17/10/2014

Time :07.00 pm

Meeting 6:created basic GUI.

Date :19/10/2014

Time :07.00 pm

Lab1:First group discussion about the project

Date :13 oct 2014

Venue : OSL Lab

Points discussed :

1) To check the compatibility of implementing GUI/ Console application for Flight booking.

2) We discussed about implementing following functionalities.

- a) Flight ticket booking.
- b) Flight ticket cancellation.
- c) View availability Seats.
- d) View ticket details.
- e) Allow user to choose class, number of passengers and date.

3) Programming implementation discussion:

- a) To use text file as a database.
- b) Use file handling concepts to read, update and delete the details.

Date:19 oct 2014

Time :04.00 pm

We team discussed about implementing Flight booking application in GUI.
Found clue of QT creator after searching in internet.

Date : 20 Oct 2014

Time : 08.00 pm

place : OSL lab

Topics Discussed :

1) Discussed about QT creator GUI for event handling.

2) Discussed about File handling.

3) we saw fstream C++ library which we use for file handling.

We understood all available function and properties of fstream.h. below are the functions we mainly discussed.

a) ofstream : This data type represents the output file stream and is used to create files and to write information to files.

b) ifstream : This data type represents the input file stream and is used to read information from files.

c) fstream : This data type represents the file stream generally, and has the capabilities of both ofstream and ifstream which means it can create files, write information to files, and read

information from files.

d) open and close a file.

4) wrote small programs to understand the file handling.

Date : 03 Nov 2014

Discussion Time : 08.15 pm

place : OSL lab

Topics Discussed :

1) What we have done till now?

a) GUI creation

b) Combobox, TextBox, buttons are added in GUI

c) Event Handling

d) Generating new GUI on click of button and collecting user entered data

from GUI back to Main GUI.

2) What need to be done?

a) File creation for passenger details and Flight Details.

b) Reading data from file

c) Manipulating the data using string manipulation

d) Updating passenger details to the passenger details file

e) deleting passenger details on cancellation.

3) Discussed importance of testing.

Alloted 3 days for testing the project.

Preparing final version of user manual at the end of testing.

Date: 05 nov 2014

Time : 02.00 pm

I have started designing GUI in QT Creator. Designed Two GUIs Mainwindow and Ticket.

Created two classes MainWindow.cpp and Ticket.cpp and Added Two header Files.

Ticket.h and MainWindow.h

19th November:

Discussion Time: 5:00PM to 6:30PM

I had coded “ void MainWindow::on_btnCancelTicket_clicked()” and
“ void MainWindow::on_btnViewTicket_clicked()” in our project.

21th November:

Discussion Time: 5:00 to 7:00PM

We tested our code and solved all the bugs in our code.

23rd November:

Discussion Time: 5:00PM to 6:00PM

Prepared Project document, SRS.

24th November:

Discussion Time: 9:30AM to 10:30AM

We did the peer review and discussed the project report.