# Assignment 2 – Group Work – Student Individual Reflective Report

|  |  |
| --- | --- |
| Student ID:2133112 |  |
| Student Name:Ruchi Bajracharya |  |
| Group No: 3 |  |

This confidential Individual Reflective Report (one from each student) should be submitted using the appropriate link on BREO by every member of your group and will be used to assess your contribution to the group work, the level of teamwork in your group and the contribution of individuals.

The report should reflect on the ease or difficulties that you encountered when completing this group assignment. It should include how you worked with the others in the group to produce the final report and program, the difficulties you encountered and how these problems were overcome, your evaluation of your own contribution to the group work as well as the contribution of others in the group, what you have learned from doing this group work, and how would you do things differently in the future.

In addition, you should list your group members in the grid below and next to the details of each group member please use the one letter code below to indicate your perception of their contribution to the project work submitted by the group. Their contribution includes work on the group co-ordination, coding, testing, report writing or any other activity that led to successful submission. Please choose the code that appropriately describes your peers’ input:

S - Significant (The group member’s work was integral to the overall submission)

N - No Contribution (The group member took no part in the project submission)

I - Insignificant (The group member’s work made little difference to the overall submission)

|  |  |  |  |
| --- | --- | --- | --- |
| Student Number | Last Name | First Name | Contribution (N,S,I) |
| **2135205** | Dulal | Reshmi | S |
| **2114132** | Shrestha | Sabin | S |
| **2114261** | Raut | Salil | S |

Continued….

# Your Individual Reflective Report

INTRODUCTION:

The university assigned us with a task of creating a desktop GUI for a hotel to provide online services to its customers. Firstly, we were divided into groups of 4. Then we were handed our assignment brief which contained the case study. After reading the case study we started gathering the requirements by discussing with teachers, brainstorming and using help online. During the gathering process we were working with a student who had certain knowledge of the process so it was rather easy. We went ahead and presented the requirements to our tutor and got approved and hence we started our project.

IMPLEMENTATION:

My contribution in this group project was the whole part of staff, restaurant and bar. Staff can add customers, view bookings, check in customers, check the room availability, and allocate them the room. Similarly, services , bar and restaurant items can be requested by the customers and staff can provide it to the customer’s room bill. In billing, I made sure to count the dates of arrival date and depature date and at the amount to the bill. Similarly the internal, external ,restaurant service and bar service can also be added to customer’s room bill once they asked for the service. To do this I imported jdbc connector to connect it with the database, jtables to show data and retrieve the data. I have used the concept of object oriented programming and included incapsulation, polymorphism, inheritance and abstraction.

While working in this I face the problem while retrieving data from jtable to textfield. the data was not being refreshed. Later on the much research I got the solution and used it in my project contribution.

Reflection and critical analysis:

I had much fun working in this assignment as I got to know how exactly the application work on the basis of client server architecture. With of help of this assignment I was able to work on the pressurized situation. This help me to be more mature and strong from the future and upcoming challenges.

Conclusion:

Therefore, the project helped me to learn and research more on java and made me mre confident to work in a team.