

**Project – 2**  
**(CS – 532 Database Systems )**

**Submitted By:**

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# Team Report:

## Firstly we divided the whole project into five modules:

- 1) Text-based menu-driven interface
- 2) Creating and Executing all the procedures in oracle.
- 3) Creating Java code and calling stored procedures through JAVA code.
- 4) Connecting Java code with text based interface and executing the procedures through the text based interface.
- 5) Testing

## Schedule of the meetings:

- We usually had meetings twice a week.
- Mostly, we both used to meet on tuesday and friday in the evening time after the classes.

## Discussions during the meetings:

- After dividing the whole project into 5 modules, we both distributed the tasks among each other and scheduled our meetings accordingly. Like we both always used to discuss that who is going to handle which particular task.
- During our first meeting , Zheng Li and I decided about the whole design of our text based interface. Once the design was finalized I created the interface and then explained it to Zheng and then Zheng modified it and made it more attractive.
- During our second meeting we both picked up the PL/SQL procedures voluntarily. Like, I created first , fifth, seventh and eighth procedure where as Zheng created second, third, fourth and sixth procedure.
- During our third meeting , we both explained the created procedures to each other .And, then we discussed how we are going to implement this stored procedure through java code. We both did it together. Zheng started connecting the procedures to java code and explained it to me then I also helped him in connecting java code with procedures.
- During our fourth meeting we were almost done by 75% of the work. The only thing remaining was connecting interface with Java code so as to implement the created procedures. We both did it together.
- And, by the fifth meeting we were almost ready with our whole project. During this meeting, we both started working on the documentation part. I created the team report and Zheng did the in-line commenting and proper indentation of the code. Finally. we both did the testing of whole project and explained the tasks to each other that we had done individually.

### **The Project Management:**

- As Zheng had good job experience in a company and as he was older than me so, he had enough maturity to understand me and he knew how to manage the project properly and work as a team. I used to distribute the tasks and then he would schedule the meetings and tell me how much work I should complete before our next meeting.
- Also, Zheng used to help me whenever I was having trouble creating procedures.

### **The Follow – Up of the project:**

- As we properly distributed the tasks amongst each other during our first meeting so, it was very easy for us to keep going with the project as per the schedule.
- As per the plan, we successfully completed the whole project within 5 meetings.
- All the meetings were successful and were done as per the schedule except one. The reason was snow. Because of bad weather we couldn't meet during our third meeting so, we had to postpone that meeting.
- Most of our time was spent on creating the procedures. Once, we were done with the procedures, the connection with java and interface wasn't that tricky.

### **Responsibilities as an individual:**

- I created five procedures (1,5,6,7 and 8) and the team report.
- Zheng created three procedures (2,3 and 4) and did the in- line commenting and indentation of the code. As Zheng is a good Java coder so he knew how to connect the java code with procedures and then he connected Java code with interface. Later on, he taught me how to do the connection.
- I created the text based interface and then Zheng modified it and made it more attractive.
- We both did the testing of the project together on the final day of our project submission.

**Experience:**

- As a whole, we both had a good team experience because we both had proper bonding and understanding between us.
- And, we both agree that, if we both had done the project individually (Means not in a team) then it would be a very difficult task for both of us to complete because, time was the main constraint and also, we have the burden of other assignments and projects of other subjects.
- Finally, we both would like to thank the professor for assigning us a team project and not an individual project, because of which we both troubleshooted the problems together that we faced during the project and learned how to work in a team and co-operate with each other.