Project requirements

1. Create a new database with the tables required
2. Import data from the excel files
3. Insert data from the word documents
4. Make connections between tables
5. Create stored procedures to do the following:
   1. Get the monthly bill for the customer. Either by entering their name or phone number.
      1. Each call is listed individually on the bill, including destination country name, length of call, time of call, and the cost of the call.
      2. The total cost of all calls made during the month is listed as the “Amount Due”.
   2. Get the monthly summary for a specified service.
      1. from country name
      2. to country name
      3. total minutes of calls
   3. Get the call log for a user in a specified period.
   4. Get the monthly commission for sales people.
   5. Get a report on top countries called for each service and how many calls where placed to that country.
   6. Rank the services according to the total times spent on calls during the month.
   7. Get the top 3 hours for a specified day according to the time spent on calls.
   8. Add a customer.
      1. Make sure to do data validation.
      2. Remember to add the service and the sales rep and the commission
   9. Change the customer service.
6. Keep in mind:
   1. Rates are always changing.
   2. The rate applied to a given call depends on the call date.
   3. The time of the call is used to determine whether to use the peak period rate or the off-peak period rate.
   4. Each particular service and from country has its own starting times for the peak and offpeak periods.
   5. Cost = R \* D/60 R: rate, D: duration
7. What you will need to submit and show:
   1. All DDL statements used to create the database and its tables.
   2. Insert statements for the word documents
   3. Stored procedures well documented.
   4. Database diagram.