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# **Introduction of Project and Expectations**

The project team want to attract Small and medium-sized enterprises who has implemented SQL server in their infrastructure and want to identify the implementation risk and verify the configuration of databases and SQL Server.

The team aims to produce a database evaluator that will diagnose and check the basic implementation parameters of SQL Server Instances and Databases. The database evaluator will target all versions of SQL Server starting with SQL Server 2008 and SQL Server 2012.

The project team will be responsible to deliver the final products for this project which are as follows:

1. A website from where a customer can download the client application and upload the database dump files.

2. A client application that will produce a dump file of the client’s database with exiting parameters values only.

3. A database evaluator tool that will generate reports from the dump files uploaded by customers.

# **Journey of Learning with Project**

## **Date : 11/07/2016 : Week 1**

Start the project with very basic requirement. Time to discuss and get together with team to discuss what the expectations from project view are.

Matt, needs to understand the scope because as project manager he will the one who drive the team.

Project proposal document, a very big documents needs to be submit within next 2 weeks to time to draft the initial version.

I need VMs so first ask for dream spark account. I need it for further R&D. Because later I need to install SQL Server version on it.

Tuesday is team meeting where team need to plan for next week and discuss about work progress.

## **Date : 18/07/2016 : Week 2**

This week we have a first meeting with Robert to take an opinion on our project proposal.

I have tried best to add everything. We have decided to go with spiral methodology.

Robert suggested so many changes, but I was not there due to my bad health. But I would like to hear him so I asked Patrick to record the meeting and yes he did it for me.

Ohh, lots of changes for project proposal. Methodology needs to be think and needs to be change so time to choose between OpenUp and DSDM.

Kwino took the responsibility to study and explain the team. I am more happy with all the team members we are trying our best for everything.

I need to install SQL Server in VMs because I need to heal Patrick for scripts.

## **Date : 25/07/2016 : Week 3**

I need to update the executive summary and opportunity context as that’s the important and I took the responsibility to change it.

I have also updated the system outline But time t start the installation for SQL Server 2012.

I also need to help Patrick for designing the application and how we will get the values of SQL Server instances on network with all needed options.

This week, we need to check our project proposal with learning commence. Team is struggling with grammars and sentence structure for documents because none of us have primary language as english.

Windows Server 2012 and SQL Server 2012 is ready for testing scripts.

Next week, I need to install Windows Server 2008 R2 with SQL Server 2008 R2 & SQL Server 2012.

## **Date : 01/08/2016 : Week 4**

This week is busy week for me. I know as I have lots of things to do. Needs to change project analysis.

I am happy that Steve is assign us as project advisor. This week we will try to meet him and schedule weekly meeting with him.

Kwino is start thinking about layout for website and what we need. He is also studying SAD and methodology to create couple of documents.

I need to spend some time to play with SQL Server 2012 for XML object because we have decided to use XML in our project.

I have discussed with team about my next work schedule and specially Requirement Analysis document.

## **Date : 08/08/2016 : Week 5**

This week also busy week as finally we got confirmation from Steve about our first advisor meeting.

I need to create activity diagram and discuss with him. Matt has already sent some documents to Steve so he will share his comments with us.

We have second meeting with Robert to take review on project proposal. This time I am with team and I would like to hear Robert this time.

Damm, again we have lots of changes to do with Project proposal.

SQL Server 2008 R2 is ready install. I have to ready with my lab for generate and testing SQL scripts. But it was went wrong. It was failed twice. I have reinstalled VM and SQL once again to try. Finally I figured out it was network adapter error for VIA for SQL which is not supported in VMs.

I disabled it and now SQL Server 2008 R2 is also ready.

First meeting Steve and lots of changes he has suggested and even he is not happy with some of the part of document.

## **Date : 15/08/2016 : Week 6**

Last week was busy and did not get chance to draft the requirement analysis document. So my target is to finish this week.

My big worries start when Project manager discussed that we are delayed by 1 week. We are delayed because we spent more time on modifying project proposal then we expected.

Another meeting with Steve, Nothing much to discuss because till last day, we were occupied to modify all documents and we have handover to Steve and waiting for his final signal to submit the Project proposal.

This week we have Project Audit meeting with Robert. Little bit tensed.

We got only 3 out of 5 which is very bad from my perspective.

I am personally agreed with whatever concerns raised by Robert.

We have a small team meeting after audit where I want to discuss with team about concerns and who will take responsibilities.

I am happy with Kwino and Math as they are ready to look what we missed during Audit and what we need to correct before next audit.

Me and Patrick have started looking about documentation as we are delayed in project by 1 week.

I have created the new format for time sheet and everything. Time to assign the work to individual. Team has requested me to act like a team leader to push technical member and help project manager to catch up the schedule before next audit.

## **Date : 22/08/2016 : Week 7**

Last week I had wok 42 hours because I need to concentrate and filling gap of documents and help Matt to catch up the delayed situation before next Audit.

Everyone understood their personal priorities and I have assign the work to each other. My personal target for this week is to finish all the supportive documents for foundation phase.

Matt is ready with list of documents and I have helped him to identify to whom to assign.

I was seek on Tuesday and I was not able to go to school for attending the meeting with Steve. I have inform the team and request them to record the meeting.

I feel little bit ok so I prefer to work from home. Some more documents. :(

I have finished my update and review for requirement analysis document. Still there are lot of pending work for me as I have to complete other documents and review them too.

Still I did not get chance to complete the scripts and test it. May be I will do it next week.

## **Date : 29/08/2016 : Week 8**

Starting from these week I am so much busy as I need to complete the script and test it on SQL Server 2008 R2 and 2012 before we have meeting with Steve this week.

I learned that how I can import whole XML file in SQL Server and use it. This is the primary requirement of the project as we are going to use XML.

There are main two goal which I personally set while creating scripts 1. it is light weight and don’t take much SQL resources and 2. Less execution time.

Steve raised a big concern in requirement analysis document. He wants us, as specially DBA, me to draft the details for each parameters but in technical terms. I am agreed with his concern.

Let's start first drafting all the parameter details. I know it's time consuming process for me as I need go through couple of website to identify and verify all the details.

I have go through more than 20 websites just for gathering all the details for parameters and it took me around 2 days to finish it but I think Steve will be more happy to see the details.

Time to go back and start working for scripts. I need to deliver all the scripts to Patrick for testing. I am also most done. I am happy with all over progress for the project and individual as we all are working hard because next week we have second audit. We are trying to fill the gaps of documents and whatever mistakes we did in last Audit.

I work around 38 hours this week and I know my next week is also so busy. I need to finalize the scripts next week, we have audit and still so many things for project need attention.

## **Date : 05/09/2016 : Week 9**

This is also busy week as we have planned second audit in this week. Every team member is working hard to do their best because we have already decided that we will try to get the best Mark in this audit.

Starting with this week we are bust development phase too. I have to set the virtual environments and install SQL server. This week is tough for me too because I am learning T SQL in detail. Coding and all with SQL Server is hard and most important thing with script it, it should be reliable and execute on SQL Server 2008 R2 and SQL Server 2012 without any error. So I need to concentrate more while creating script and test it.

Research is also one the big challenge with because you need to visit couple of websites while creating scripts. I also have to guide and help Kwinno for website home page and all. I need to speak with Matt for documents for Audit and Still Patrick is waiting for my first script because he want to try in .net.

Wooow, Audit is done. We got the full marks. I am personally happy because we achieve what we have planned. This kind of positive achievement help team to motivate and work hard. Thanks to Robert :)

Matt has discussed in team meeting that now we have only 4 weeks left and we need to focus on product more than anything else. I requested Matt that start thinking about system testing.

Week is moving very fast and I am still busy with SQL script. I learn SQL scripting more in detail dusting this week. It hard :( but I am trying my best.

Next week is waiting and I need to work with Patrick on encryption part after consulting Steve.

## **Date : 12/09/2016 : Week 10**

I have finally creating and combine all the scripts for client application and now it's time for Patrick to test it. I requested him to do the first testing without encryption because I want to see how script behave and is it capturing all the parameters value or not ?

Thanks to Patrick hard work, we did it. Client application is generating final xml file without encryption.

Steve is happy after looking client application and functionality. He has advice us that use basic encryption method at the moment. But he has restricted us to collect the database name in xml file. He is right and personally I am agreed with his opinion about not capturing database name in xml file and final report because company or client does not want to disclose their database name to anyone. It will be easily targeted in online attack.

I really feel happy to have Steve as advisor because at this stage he has gave us very expert and important advice like a professional. But that the Steve.

Now I need to discuss with Patrick about basic GUI for database evaluator and encryption.

I have start working on creating scripts for database evaluator but before that I need to create the database with all the details for best practice for evaluator.

Weeks are flying very fast and still lots of things for do. Next week I must have to finish the script for evaluator.

## **Date : 19/09/2016 : Week 11**

This week I have dedicated myself for completing database and script for evaluator. I must have to finish then only Patrick will move further.

I have given basic scripts to Patrick so he can start working on database evaluator.

I have completed database with all the best practices and values that I want to check with client application.

Kwinno has also completed all the pages for end user but he want to me to check an verify so if we need we can modify it but I am so busy and ask Kwinno that he will proceed further I will take a look later.

I can't ask Matt to check website as he is busy with documents.

I am so tired because from last three weeks I have not slept properly. And now I caught in fever from last 2 days so did not work much.

Bad week, I can say. Lots of work and fever :(

But I have to work and finish the script otherwise system testing will be delayed and I don’t want that.

I promised Patrick that I will deliver final script with testing in first 2 days of next week.

## **Date : 26/09/2016 : Week 12**

Matt has warned us that now we are nearby the end of the project and we need finish all the things.

I have deliver final script with testing to Patrick and now we are ready to generate the first report. Patrick has already modify the GUI for Evaluator.

Today we have to test the first report. I have generated dbe file from windows server 2012 and SQL Server 2012. Test was successful. Finally we did it. I want to show this report to Steve this week and take his opinion about report.

Steve is happy with report. First time, no comments from Steve for report. It indicated that we did it well :)

Thanks to team. I am really appreciate individual efforts to make it success. Now it time for me to look at website and help Kwinno.

I have my domain and hosting service so I requested Kwnino to make the website live to I will directly test it live.

Website looks so good. No single comments from my side. Kwinno also worked very hard to make it live.

[www.sqlstricker.com](http://www.sqlstricker.com)

Robert has announced the date for Academic hand over. It will be on 17th.

## **Date : 03/10/2016 : Week 13**

This week is important and busy for all because Matt will test everything as a part of system testing and create a testing report based on outcome of each steps.

But before he start Me, Patrick and Kwinno need to fix the issue of each iterations. We have informed Steve about academic hand over as well as about System test plan. We ask his input for testing and he has guide us that what is important for testing.

Matt has modify the test cases and plan as per Steve suggesting and we are ready for system testing.

I wish that everything work fine without any problem as now we don’t have much time left to update or modify anything.

This week is hard for Matt as he has lots of things to do so I support him for document and other stuff.

Matt has represented testing result in team meeting. He is happy that everything is working and ready as per our project perspective.

## **Date : 10/10/2016 : Week 14**

I completely forgot that we need last week for documentation and finalize all the reports. Documentation is one the important part of the project. I learn about documentation from this project.

I have dedicated this week for creating my personal report. It is important to create. You must need to write all your personal opinion about this project and members in it.

This week also little bit busy because I have finish my personal report and hand over all the documents to Matt.

I have created proper folder structure so it's easy for Kwinno to print the documents and easy to handover soft copies.

Matt is still busy for creating final weekly report and asked everyone to finish the time sheet and personal log ASAP. Matt wants me to take a responsibility of what documents needs to be print and how we can represent them in File. He wants us to hand over file with separate sections for each document.

Robert has confirmed to us that we don’t need to worry about client evaluation but still we have to hand over training documents and all other supporting documents.

Finally !!! We are done with project officially. It was a long journey, teach me how to work in team, how to coordinate to each other and important trust each other.

Thanks to team. Thanks to Robert and Thanks to Steve for their contribution for this project and teach me all. Good Bye !!!!