20 December, 2016

**Motivation Letter for PRI: “Data Centre automated drawing”**

Dear Mr. Berthet,

With this letter, we hereby would like to state our motivation to choose the project “Data Centre automated drawing” as our PRI in this semester.

This project is of a special relevance to our ambition for Agile SCRUM and Data Centre management, therefore we would high appreciate to be given an opportunity to do this project.

As mentioned in projected description, we acknowledged that this project requires some technical skills and experienced related to Agile SCRUM, Excel, Visio, Visual Basic and some other graphical tools in which we have similar skills and experiences. 4 members in our teams have skills in programming in different languages such as Java, C#, C, C++. Agile, MySQL workbench, git. We also have some experience in drawing and visualizing different kinds of systems in Visio in our previous works and courses in the last semester using different analyzing tools such as OBASHI and BPMM.

Besides that, we also have some investigation and research about Data Centre Management before selecting the project. We found out that the average cost for building up **($4046 to $6100 per month)** and maintenance **($2100 to $4500 per month)** of a small Data Centre (5-10 racks) are quite high, not including the labor cost and other options yet, according to Ongoing Operations, 2014. Therefore, we see this project as an opportunity for the business to help reduce the management cost of Data Centre by using Visio to visualize the racks and manage the racks more effectively to save resources and reduce related cost. By doing this project, we believe that the product can contribute to the improvement and development of the business.

Furthermore, we are using this opportunity to express our willingness to practice with Agile SCRUM and other programming languages (java, visual basic) in data visualization, as well as learning how to work well in a team and communicate with everyone.

Thank you very much in advanced for your consideration.

Sincerely,

TRAN Thi Thuy Linh

Team Leader