**ATCA Gas Convertor Project**

Currently the ATCA Gas Company uses a program that tracks information of the pipe lane like the gas level and the area of the sample was recorded from, GPS motorbikes driving along the pipe line are used to gather the information used by the program to detect unusually gas levels. The problem is that the company is facing is the program that they using to track this information records and displays imperial measurements while they would like the information to be in metric for reporting. So the Company wants a program that can be accessed from their own network and if they are on the field, the program must also be able to run in the background of files of data.

**The Six unit they want converted are-**

* Centimetres to inches
* Metres to Feet
* Celsius to Fahrenheit
* Centimetre to Feet
* Kilometre to Miles

**Functional requirements of the project-**

* Able to convert the information inputted into the wanted unit of the user
* Able to convert units into Metre in the background for files of data and not interfere with other software

**Non-Functional requirement of the project-**

* Able to run on the company network
* Able to be accessed on the field or in the office
* Able to be accessed by anyone at the company

The major stake holders of the project will be the ATCA Gas Company, the budget of the project is $20,000, the project might be completed by April (the end of the financial year for the company as it is based in the UK), have at least 6 months’ worth of maintenance afterwards the program is completed and out on the field, there is room for negotiation of a 1 year contract if more features are wanted by the end users.

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