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Accurately recording the volume of milk shipped from a diary farm each day can give a key insight into the performance of the herd. Prior to collection for processing milk is stored on farm in refrigerated tanks. By measuring the level of milk in the tank electronically the volume can be calculated and recorded.

This system would periodically measure the height of the milk in the tank, then using data provided by the tank manufacturer translate this into a volume. The volume would be stored in a database which could be remotely queried by a web app.

**Tools, Technologies and Equipment**

* Raspberry Pi/Arduino(may need adc)
* Wifi/ethernet
* Python
* C/C++
* SQL
* JavaScript/java
* Infrared/laser/ ultrasound

**Project Repository**

<https://github.com/a-helen1/comp_sys_assignment_2>