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| **witlogo** | School of Information Technology  Bachelor in Information Technology |

### BID FOR PROJECT

**Team Members:** Ian Dunford, Sheerat Pemberton and Nilu Herath

**Primary Bid:**

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| **Organisation** | **Project** |
| WelTec  Advisor: John Gould | Weather station will measure temperature, wind speed, humidity, atmospheric pressure and rain fall data and relay to a computer. The weather station controller software will capture the data and persist to a database. The weather station data analyzer application will present processed information to a wider audience over the internet.    Data collection: Initial implementation of data collection from weather station will be done online real time where weather station would be connected to the computer over serial connection. The alternative data collection scenarios will be discussed in detail in the final project proposal. |

### Skill Needs of the Project

1. Embedded systems programming with java or C++(Arduino with additional hardware)

2. Serial data communication standards and serial data manipulation

3. Concurrent programming (multi threading)

4. Database creation, access and manipulation

5. WAMP server implementation and usage

6. HTML, XML, PHP, javascript, CSS knowledge

7. Authentication and Authorization management

### Relevant Skill Set

We will bring the following skills to the project.

**Person A:**

* List skills appropriate to project

**Person B:**

* List skills appropriate to project

### Why Choose Us

### Contact Details for Nominated Contact Person on Team