Ishan Mistry: 18BIT033

**Week 2**

**What are the tasks for the project that I accomplished during the week?**

* Redo my section of the “File vs DBMS” part by adding examples in each point that was proposed by me in the document.
* Skimmed through a lot of articles as to get an understanding in RFID domain.

<http://www.cse.ust.hk/~wilfred/paper/er11.pdf>

<https://www.intechopen.com/books/radio-frequency-identification-from-system-to-applications/choosing-the-right-rfid-based-architectural-pattern>

<https://www.ripublication.com/ijaer17/ijaerv12n24_45.pdf>

<https://www.intechopen.com/books/radio-frequency-identification-from-system-to-applications/design-and-implementation-of-rfid-based-object-locators>

* Prepared the tables for the sensors and tags and marked the keys that can be used as primary keys (candidate keys) in my section of tables

**How did I do this week compared to last week?**

This week was a lot more work as I read a lot of articles and research papers to know as to what actually a typical RFID system has and all the various data-streams that can be communicated using the RFID tags

**What’s the one thing thought this week to do in order to improve the project?**

I proposed an idea wherein instead of doing many tests for the same tag (having the tag to work for 4 to 5 times) and then predicting if its truly accurate every time, we might as well incorporate a basic button(item stands on the button) kind of a system to verify tags.

**What’s the biggest challenge faced by you during this week's scope of work?**

Linking the various tables and attributes has been a great post work to do once were don’t with the tables. The post work also involved a lot of different names in the tables for all three as we had used different names for the same attributes (e.g. ITEM\_TYPE, ITEM\_CATEGORY, ITEM were referring essentially to the same thing)

**What was the idea or experiment that you tested yourself on throughout the week?**

We thought of being resourceful and make the best of the “Teams” Platform and use this as a major form of communication and conduct meetings and also use the mind maps to create a relational model.

**Was the experiment successful or simply what were the inferences?**

Yes, it is now more centralized and meetings could be scheduled very efficiently and also the very note-taking feature makes it a perfect platform to escape of recording or doing redundant work.