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| Institute of Applied Poultry Technology |
| Flock Information Database |

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**Abstract:**

Institute of Applied Poultry Technology (IAPT) is a non-profit organization that is currently constructing a vaccine manufacturing facility. Employees of the IAPT conduct research to create new vaccines to combat new diseases. Enterprises who hire poultry producers must submit physical forms known as flock sheets (please see below), which contain valuable data that allows employees to retrieve the data for their research. The forms that are submitted are also sent to the government regulatory board. These forms are examined and then stored in physical files by the government. The current format of the physical forms is very inefficient, as a result of manually searching, organizing, or retrieving data. IAPT would like to produce a digital format of filling and submitting the form. This would be offered to the poultry producer without a cost, but ultimately allows the employees to mine the data that was submitted for more efficient research. A database will be implemented to store the data from the submitted forms.A website application will also be an interface to allow producers to submit the forms.

A user is expected to be able to access a website and fill in the form below and be able to submit it to be stored in the database. An IAPT employee, would be able to view the data.