**Self-powered Embedded System Design for Smart poultry Farm through IoT.**

Components

**Solar panel**

**Existing Socket**

**Analysis Poultry Farm existing system**

**Environmental facts**

* Temperature
* Sunlight
* Air supply
* Humidity

**Physical Structure**

* Shed
* Cleaning
* Stage for chicken (Future plan)
* Water (automatic flow)

**Hot line Service**

**Problem & Solution for animal disease**

**App Services**

Food Supply information

Animal health information

Video tutorial

Notification option

Environmental control using app

Shows different environmental parameters

**Why Farmer will use our system, how we can help them through our system?**

* **Disease Control**

**Dew to environmental condition different types of diseases may effect animals**

**(High temperature / low temperature)**

* **Food supply through smart App notification + Farm with LED board Notice.**
* **Medicine notification.**
* **Video tutorial for users.**

**Solar panel for electricity supply**