Technochamp Competition By JohnDeere

Here are Links to videos of our project :

1. Website of JohnDeere Tractor Portal.

   Functions to dealer : register customer,view customer list, add new tractors,view tractors,check status of tractor of customers, see problem asked by customers and give solutions.

   Functions to customer : view profile, purchased tractor details, check status of tractor

   https://www.dropbox.com/s/abe4niv5pk4qjcs/1.Website%20Presentation.mp4?dl=0

2. Actual Implementation of project
   Controller : Aurdino UNO
   Sensors : LM35 Temperature sensor,ADXL345 accelerometer sensor
   Ethernet Shield to connect aurdino to Internet
   XAMPP for apache server, mysql database,php

   https://www.dropbox.com/s/p66kyr707hb1bji/2.%20Actual%20Implemenation.mp4?dl=0

3. Accelorometer sersor used to measure position i.e. angle of tractor and accordingly show warning to customer.

   https://www.dropbox.com/s/5y38sz5tyasgha0/3.Accelorometer%20Sensor.mp4?dl=0