

Team 18
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HW 6 - System Design: Modeling

Assumptions/Decisions

In modeling this system, we assumed and decided certain things in order to model the system. These included:

- Sensors will use Wifi to transmit data to server
- Sensors will take temperature data every 5 minutes and send it to server
- Sensor will stay connected to wifi once
- Server will run on AWS with database using SQL
- Server will assign sensors unique ID's upon their first connection
- Customer will access temperature current value/history through web
- Customer will be alerted via email regarding temperature outside of acceptable range