

TCSS 360 PJ02 README

1. Project Info

Environment: Eclipse + Java 8/13

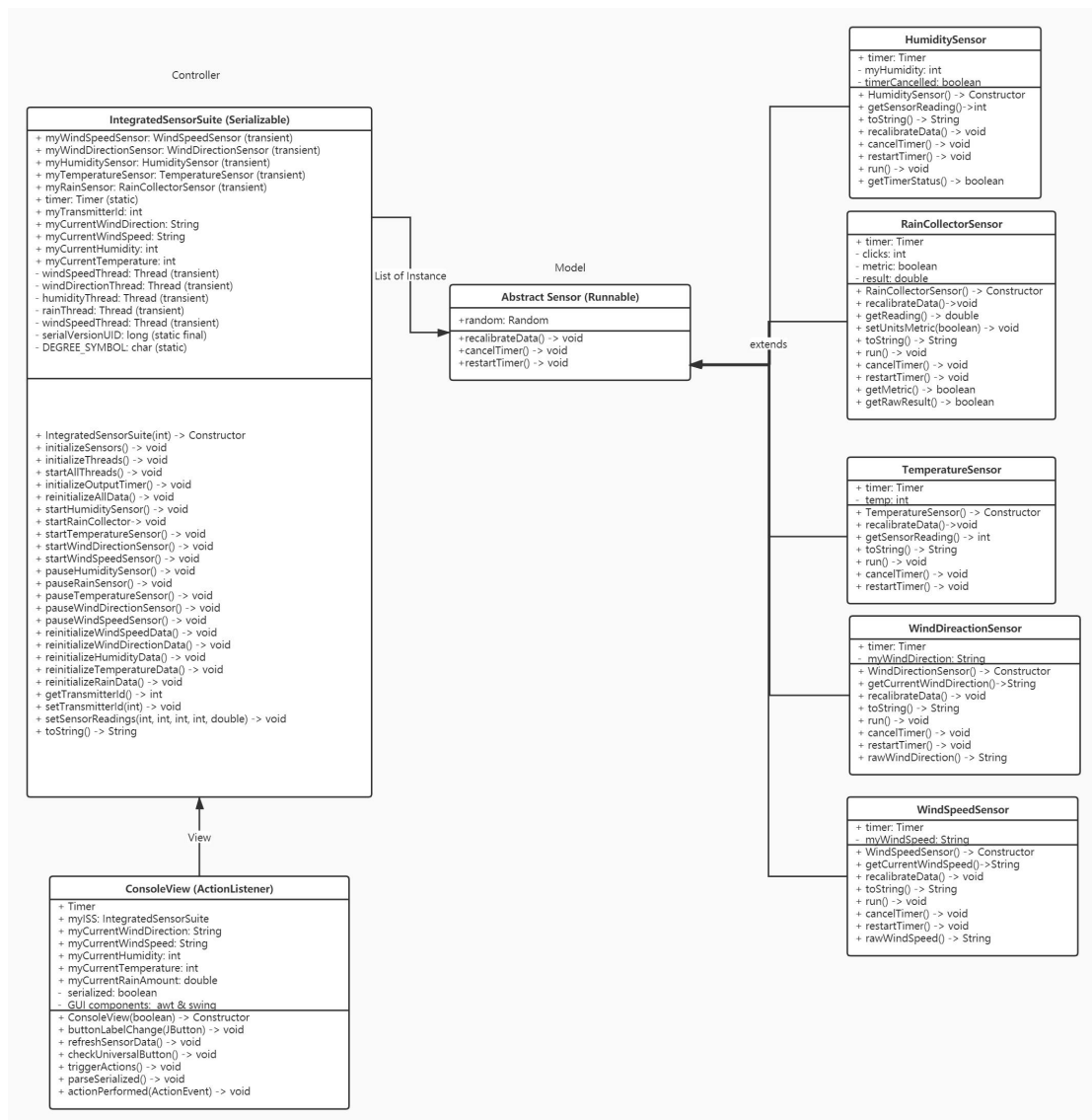
Description:

The project implements the software of Wireless Vantage Pro2 (ISS). It simulates different sensors, generate data, and display the data on GUI during some period.

Github: <https://github.com/rbankhead/TCSS360-PJ02>

2. Project Structure

MVC UML: [MVC UML.jpg](#)



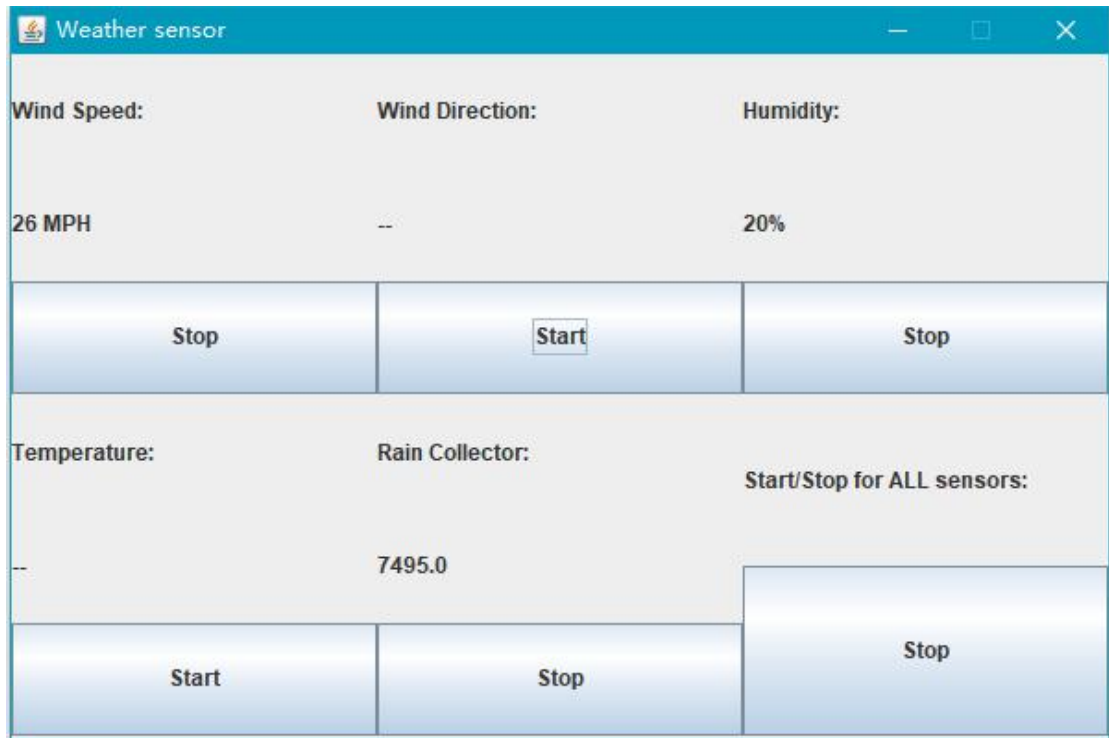
3. Tests

Total test Cases: 30

Class test: 8

Coverage: 87.7%

4. GUI run result



The screenshot shows a window titled "Weather sensor" with a standard Windows-style title bar (minimize, maximize, close buttons). The window is divided into two main sections. The top section displays three metrics: "Wind Speed:" (26 MPH), "Wind Direction:" (--), and "Humidity:" (20%). Below each metric is a button: "Stop" for Wind Speed, "Start" for Wind Direction, and "Stop" for Humidity. The bottom section displays three metrics: "Temperature:" (--), "Rain Collector:" (7495.0), and "Start/Stop for ALL sensors:". Below these are three buttons: "Start" for Temperature, "Stop" for Rain Collector, and "Stop" for the "Start/Stop for ALL sensors:" control.

Wind Speed:	Wind Direction:	Humidity:
26 MPH	--	20%
Stop	Start	Stop

Temperature:	Rain Collector:	Start/Stop for ALL sensors:
--	7495.0	
Start	Stop	Stop