**USER STORIES**

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| US#001 | CW#001 | I want a CAD model for the analytic process control station in Siemens NX with all the components |
| US#002 | CW#002 | I want to monitor the processes in the analytic process control station from the PC |
| US#003 | CW#003 | I want to be able to view the pH values as they vary in the agitator tank |
| US#004 | CW#004 | I want the physical analytic process control station and the CAD model in Siemens NX to work in real-time with minimal or no delay |
| US#005 | CW#005 | I want to read the state of the sensors (pressure and pH sensors) and actuators (circulation, agitator and metering pumps) in Siemens NX from the PLC S7 1200 |
| US#006 | CW#006 | I want to be able to control the analytic process control station from my computer using a chat bot. I want to start, set desired pH value level and stop the station using my computer. |
| US#007 | CW#007 | I want to limit the number of users that can control the station using face recognition. |
| US#008 | CW#008 | I want both manual and automatic control for the analytic process control station. |
| US#009 | CW#009 | I want to operate the station in real time from my personal computer (PC) |