
So where do we go from here?

- Once your Sponsor has signed off on your Charter:
- Begin the process of documenting your REQUIREMENTS
- How?
 - Start with your scope and objectives (from the charter)
 - Brainstorm, and capture all team members' inputs
 - Features
 - Functionality
 - User Stories, Use Cases
 - Data (what is it? where does it come from? who updates it, when?)
 - Audience (Users of your system)
 - User interface (who uses the system for what purpose, when?)
 - Organize – Functional versus Non-Functional
 - Organize – by Features, Stories, Use Cases, Data

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- Features
 - Results are replicable
 - Extensive documentation is provided so that Terumo can replicate our results
- Functionality
 - Identify anomalous behavior in the Reveos device, such as:
 - A device has deviated from standard behaviour
 - A device is consistently deviating from standard behaviour, and the device needs to be identified as problematic
 - Operator error is resulting in increased alarm frequency from the norm, and the operator may need training
 - A manufactured batch of the single use parts used in the device is resulting in non standard behavior
- User Stories and Use Cases
 - Used to direct analyst attention to trending behavior
 - Identify non standard behavior that results from operator error
 - Identify new trends
 - Same Terumo engineers time in developing similar methods
- Data
 - Data(cadence collection system) on Terumo BCT Reveos device
 - Comes from Terumo BCT
 - Access via read in only vpn or migrate data into cloud sql server

- Audience
 - TerumoBCT
 - Internal group working on the same project
- User interface
 - Jupyter Notebook
 - We basically do not have a user interface, as our audience is engineers at Terumo who may replicate our work