Assignment 2

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Customer

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| Scenario Refinement for Scenario N | | |
| Scenario(s): | | When the customer wants to know the status of the pacemaker，customer can read the data from device transferred by WIFI at home. |
| Business Goals: | | Convenient to use, Improve customer service |
| Relevant Quality Attributes: | | Usability |
| Scenario Components | Stimulus: | The customer wants to know the status of the pacemaker, customer must go to the hospital. |
| Stimulus Source: | Data of the pacemaker, such as heart rate. |
| Environment: | The customer wants to know the status of the pacemaker. |
| Artifact (If Known): | Hardware |
| Response: | The data can be transferred by WIFI. |
| Response Measure: | When the user requires the data. |
| Questions: | | How large will the pacemaker be after the WIFI hardware be added? |
| Issues: | | May need to design to be smallest. |

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| Scenario Refinement for Scenario N | | |
| Scenario(s): | | When the pacemaker is in low power about 10 percent left, it can proactively alert. |
| Business Goals: | | Safest system |
| Relevant Quality Attributes: | | Security |
| Scenario Components | Stimulus: | The pacemaker is in low power. |
| Stimulus Source: | Power of pacemaker. |
| Environment: | After the pacemaker has been used for a few years, the pacemaker will be in low power. |
| Artifact (If Known): | Hardware |
| Response: | The pacemaker can proactively alert when in low power. |
| Response Measure: | 10 percent power left. |
| Questions: | | How big alert should the pacemaker make? |
| Issues: | | May need to train tester to do lots of test to control the alert. |