# Introduction

This document is part of a test case for the Trace Tool. As such, these are not real requirements, but they do resemble real requirements.

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# System Details

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| --- | --- | --- |
| Sample Table | Sample Table | Sample Table |
| Sample Table | Sample Table | Sample Table |
| Sample Table | Sample Table | Sample Table |

# Software Requirements

**PUMP:SDS:10** Here are details of how the bolus calculator works …. **[BOLUS:SRS:1] [BOLUS:SRS:2] [BOLUS:SRS:5] [BOLUS:SRS:6] [BOLUS:SRS:8] [BOLUS:SRS:12] [ACE:SRS:1] [ACE:SRS:5] [ACE:SRS:6]**

**PUMP:SDS:20** Here are details of how the basal rate works …. **[ACE:SRS:2]**

**PUMP:SDS:30** Here are details of how the PID algorithm works …. **[AID:SRS:1] [AID:SRS:2] [AID:SRS:10] [AID:SRS:12] [AID:SRS:20]**

**PUMP:SDS:40** Here are details of how the GUI works…. **[ACE:SRS:110] [ACE:SRS:120]**

**PUMP:SDS:50** Here are details of how the remaining insulin estimation works… include lots of math …. **[ACE:SRS:110]**

**PUMP:SDS:60** Here are details of how the human languages are swapped around **[ACE:SRS:10]**

**PUMP:SDS:70** Here are details of how the battery estimation works **[ACE:SRS:100]**

# Software Units

|  |  |
| --- | --- |
| **PUMP:UNIT:100** pump\_aaa.c,h **[AID:SRS:1] [AID:SRS:5] [AID:SRS:6]** | This function does blah, blah, blah |
| **PUMP:UNIT:110** pump\_bbb.c,h **[AID:SRS:10]** | This function does blah, blah, blah |
| **PUMP:UNIT:120** pump\_cc.c,h **[AID:SRS:12]** | This function does blah, blah, blah |
| **PUMP:UNIT:130** pump\_dd.c,h **[AID:SRS:20]** | This function does blah, blah, blah |
| **PUMP:UNIT:140** pump\_ee.c,h **[AID:SRS:6]** | This function does blah, blah, blah |
| **PUMP:UNIT:150** pump\_ff.c,h**[ACE:SRS:1] [ACE:SRS:2]** | This function does blah, blah, blah |
| **PUMP:UNIT:160** pump\_gg.c,h **[ACE:SRS:6]** | This function does blah, blah, blah |
| **PUMP:UNIT:170** pump\_hh.c,h **[ACE:SRS:10]** | This function does blah, blah, blah |
| **PUMP:UNIT:180** pump\_ii.c,h **[ACE:SRS:100]** | This function does blah, blah, blah |
| **PUMP:UNIT:190** pump\_jj.c,h **[ACE:SRS:110]** | This function does blah, blah, blah |
| **PUMP:UNIT:200** pump\_kk.c,h **[ACE:SRS:120]** | This function does blah, blah, blah |
| **PUMP:UNIT:210** pump\_ll.c,h **[BOLUS:SRS:1] [BOLUS:SRS:2] [BOLUS:SRS:5] [BOLUS:SRS:6] [BOLUS:SRS:8] [BOLUS:SRS:12]** | This function does blah, blah, blah |
| **PUMP:UNIT:220** pump\_mm.c,h **[ACE:SRS:110]** | This function does blah, blah, blah |