Scenario ID	JIRA ID name
1	Preference values - read and display
2	
3	

Scenario Description	Feature
Test Description: Following editable preference values will be read from the implant default files or saved preference files and displayed for updates on selection of an implant and deformity buckets **For Varus deformity** Femur: Lateral Distal Resection, Medial Posterior Resection, Lateral Posterior Resection, Component varus /component valgus Tibia: Lateral Resection, Slope, Component varus /component valgus **For Valgus deformity** Femur: Medial Distal Resection, Medial Posterior Resection, Lateral Posterior Resection, Component varus /component valgus Tibia: Medial Resection, Slope, Component varus /component valgus On switching between varus and valgus deformity, lateral and medial resections displayed will also switch. All preference values should update in increments that match the increments, decimals, and rounding for those values in Combined Planning. – 0.5 for translations and 1 for rotations. **Testing Strategy: Not given** **Tools Used: N/A** **NOTE:** 1. All the 3 monitors such as CORI monitor, Tablet and display monitors are connected to the console during execution. 2. Ensure the language is chosen by default i.e., English. 3. Ensure the PHI is set to default i.e., PHI access enabled. 4. Initiate values list for Varus and Valgus conditions of Femur and Tibia is added in Appendix A. 5. Refer "Understanding Purpose" sheet for the value names. 6. Refer "Preferred_Plan.json" file for the values which is to be compared with the displaying values in SPP-Launcher screen. **File Path & Linux Commands:** $cd /home/data/Database/UserDatabase/Surgeon/Surgeon ID $ls $sudo vi Preferred_Plan.json	SPP-Launcher

SW Requirement	SY Requirement
N/A (Requirement is not present)	N/A (Requirement is not present)

Positive
***** Verify Preference values in SPP-Launcher screen matches the values in "Preferred_Plan.json" file values and also verify on switching between varus and valgus deformity, lateral and medial resections displayed will also switch ***** Login via Surgeon A --> Navigate to **"SPP Launcher" screen** --> Select **each implant and deformity range (Varus and Valgus alternate sequence/switch)**--> **Compare each values with the "Preferred_Plan.json"** file --> Each value below should match with "Preferred_Plan.json" file values --> Also verify on switching between varus and valgus deformity, lateral and medial resections displayed will also switch. The values to be verified are listed below. a. Femur Lateral Distal Resection Depth b. Tibia Lateral Distal Resection Depth c. Femur Medial Distal Resection Depth d. Tibia Medial Distal Resection Depth e. Medial Posterior Resection f. Lateral Posterior Resection g. Slope h. Component Varus/Component Valgus for Femur i. Component Varus/Component Valgus for Tibia
***** Verify all the translations are incremented or decremented by 0.5 and the rotations are incremented or decremented by 1 ***** Login via Surgeon A --> Navigate to **"SPP Launcher" screen** --> Select **any implant and any deformity range** --> Single click on each translation buttons and rotation buttons on SPP screen --> After each click, all the translations are incremented or decremented by 0.5 and the rotations are incremented or decremented by 1. The list of translation and rotation buttons are listed below. 1. Femur Lateral Distal Resection Depth (Translation Button) 2. Tibia Lateral Distal Resection Depth (Translation Button) 3. Femur Medial Distal Resection Depth (Translation Button) 4. Tibia Medial Distal Resection Depth (Translation Button) 5. Medial Posterior Resection (Translation Button) 6. Lateral Posterior Resection (Translation Button) 7. Slope (Rotation Button) 8. Component Varus/Component Valgus for Femur (Rotation Button)

Negative
***** Verify the Preference values are increasing or decreasing in SPP-Launcher after clicking on "Incremental" and "Decremental" button respectively when the values are set above or below the range ***** Login via Surgeon A --> Navigate to **"SPP Launcher" screen** --> Select **any implant and any deformity range** --> Set all the values to maximum --> Click on "Incremental" button --> Verify the values are not increasing beyond the maximum values --> Set all the values to minimum --> Click on "Decremental" button --> Verify the values are not decreasing beyond the minimum values. **NOTE:** Check for both varus and and valgus deformity range.

State Transition
***** Verify values in the Spinbox to display "Preferred_Plan.json" file values after clicking on "RESET" button ***** Login via Surgeon A --> Navigate to **"SPP Launcher" screen** --> Choose **any implant** and **any deformity range** --> Change all the preferred plan values --> Click on **"Reset"** button --> Select any implant and deformity range --> Verify all Spinbox values are updated as per "Preferred_Plan.json" file values.
***** Verify values in the Spinbox to display "Preferred_Plan.json" file values after clicking on "QUIT" button ***** Login via Surgeon A --> Navigate to **"SPP Launcher" screen** --> Choose **any implant** and **any deformity range** --> Change all the preferred plan values --> Click on **"QUIT"** button --> Navigate back to "SPP-Launcher" screen --> Select any implant and deformity range --> Verify all Spinbox values are updated as per "Preferred_Plan.json" file values.
***** Verify values in the Spinbox to display "Preferred_Plan.json" file values after Reboot ***** Login via Surgeon A --> Navigate to **"SPP Launcher" screen** --> Choose **any implant** and **any deformity range** --> Change all the preferred plan values --> **Reboot** the system --> Navigate to "SPP-Launcher" screen --> Select any implant and deformity range --> Verify all Spinbox values are updated as per "Preferred_Plan.json" file values.

Remarks

PGH Feedback	Linked JIRA ID