Sprint Backlog :: GUI Calculator

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | User Story | Tasks | Day 1 | Day 2 | Day 3 | Day 4 | | Day 5 | | Day 6 | Day 7 | |
| 3 | As a user, I want 1 button for square root, so that I can get a number’s value that when multiplied by itself gives the number | Revise the method to find the square root | **3** | **0** | **0** | **0** | | **0** | | **0** | **0** | |
| Design the graphical user interface for displaying the square root button and also for displaying the square root sign in the calculation | **0** | **2** | **0** | **0** | | **0** | | **0** | **0** | |
| Write code for the square root to function | **0** | **0** | **1** | **1** | | **1** | | **1** | **0** | |
| Test the graphical user  interface | **0** | **0** | **0** | **0** | | **0** | | **0** | **1** | |
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| 4 | As a user, I want 2 buttons respectively for clear and backspace, so that I can clear all inputs to the calculator with the clear button and remove a digit from the right side using the backspace button | Update the system design | 0 | 0 | 5 | 0 | 0 | | 0 | | | 0 |
| Design the graphical user interface for clearing the entire display for whenever being prompted and design the graphical user interface for backspace to display the removal of one digit for whenever being prompted | 0 | 0 | 0 | 3 | 3 | | 0 | | | 0 |
| Write code for clear and backspace to function | 0 | 0 | 0 | 0 | 0 | | 5 | | | 0 |
| Test the graphical user  interface | 0 | 0 | 0 | 0 | 0 | | 0 | | | 2 |
| **5** | As a user, I want 6 buttons respectively for Sine, Cosine, Tangent, Arc Sine, Arc Cosine, Arc Tangent, so that I can calculate logarithmic operation | Write down the way to use the inbuilt trigonometric functions in Java | 2 | 0 | 0 | 0 | 0 | | 0 | | | 0 |
| Design the graphical user interface for displaying Sine, Cosine, Tangent, Arc Sine, Arc Cosine, Arc Tangent buttons respectively | 0 | 3 | 0 | 0 | 0 | | 0 | | | 0 |
| Write code for Sine, Cosine, Tangent, Arc Sine, Arc Cosine, Arc Tangent buttons to function | 0 | 0 | 0 | 2 | 0 | | 0 | | | 0 |
| Test the code for these trigonometric functions | 0 | 0 | 0 | 0 | 0 | | 0 | | | 1 |