# Release Information

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| Release | 3 |
| Leader | Mukesh Mani Tripathi |
| Git Revision Number | 0e65f050 |

Finally got the API communication finished. Completed saving and loading guitar configurations to and from a file. More UI work done.

# Progress

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| **Stories and spike solutions worked on during this release** | | | | | |
| **Story** | **Task** | **Description** | **% Impl.** | **Notes, plan for completion** |
| 5 | 29 | Creating a method to calculate the price for parts of Guitar | 100% | This function is implemented fully and show the price of the guitar in the textbox |
| 10 | 33 | Implement saving and loading a guitar from a file | 100% | Guitar configurations can be saved and loaded without issue. |
| 16 | 35 | Find a way to export the guitar as a file | 70% | This function is basically taking the snapshot and saving the main window in the image bmp file. |
| 3 | 34 | Finalize body style parts selection | 100% | All body styles are completed |
| 3 | 13 | Set Sizing and placement for all images of guitar parts | 100% | Everything is resized and in the correct spot |
| 3 | 36 | Allow the user to change their guitar configuration | 80% | Supports most configs but tone knobs need to be implemented |
| 15 | 25 | Create a price check job using the API | 100% | This ended up being more complicated than expected. However, eventually the price checking was implemented |
| 7 | 37 | Make GUI look pretty | 50% | Overhauled the design, but didn’t have time to apply Material Design components to everything. The design is much better, but is not cohesive across all UI components. |
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| **Accomplishments by engineer** | | |
| **Team Member** | **Total Time (hrs)** | **Tasks implemented** |
| Connor Woodward | 10 Hours | #33, #35 |
| Josh Wood | 13 hours | #25, #37 |
| Edward Pazdziora | 10 hours | #36, #34 , #13 |
| Mukesh Mani Tripathi | 10 hours | #13, #34, #35 |
| TEAM TOTAL | 46.5 hours | #33, #35, 25, #37, 36, 34, 13, |

# Issues

Document anything that is not decided yet and needs to be resolved at some point.

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| **Issue Number** | **Discovery**  **Date** | **Resolution**  **Date (Est.–Act.)** | **Responsible Person** | **Description (Prob / Resolution)** |
| 1 | 4/26 | Not solved yet | Mukesh | The guitar price is not loading correctly while running the code |
| 2 | 4/26 | Not yet solved | EJ | Checkboxes for knob visibility do not work |
| 3 | 4/25 | 4/26 | Josh | I discovered I had misread the API documentation. The API we are using does not return the price of a product listing, but instead just searches google for the product. We would need to get approval from the API provider to gather pricing for specific product listings on Amazon. Now the price checker just searches for the item on google shopping and takes the price of the first result. |
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# Screen Shots

Graphical user interface, application

Description automatically generated

This screenshot shows the improved visuals, improved guitar images, and queried price information.

Graphical user interface, application

Description automatically generated

This screenshot shows the options for opening and saving guitar files. Exporting is not yet implemented.