Character Manager Weekly Update

Week 13

CPT-250-F41

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# Major Work

This week focused the implementation of the inventory system. The work involved includes:

* Adding the “Inventory” table
  + (Inventory\_ID, Character\_ID, Item\_Name, Item\_Description)
  + Foreign key constraint added to Character\_ID
* Adding CRUD functions for Inventory
* Added additional line to Character\_Delete query to delete inventory items tied to a given character.

# Next Milestone

Next week will focus on a refactor of the skills system to reduce the amount of column bloat on the “Characters” table. This includes the dynamic calculation of skill bonus totals. If time permits. I expect to also get work done on fields for attacks and defense.

# Parting Thoughts

I ended up getting invited by Cory Mack to a meeting with the advisory board for the graphic design dept. This did eat into my usual homework time on Fridays. At least I got some networking out of it! With two weeks left in the semester, I have this week and next week planned out to finish the rest of the character sheet for finals. My confidence remains unshaken!

# File Changes and Additions

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| File Name | Changes |
| Controller/controller.php | * Added a test-input action for analyzing POST data sent in test.php * Inventory system implemented and debugged | |
| Css/main.css | * Added inventory system styling. | |
| Docs/Design Document | * Updated Feats information and added Inventory information. | |
| Js/character\_sheet.js | * Added inventory logic. | |
| * Test.js | * This was temporarily used for testing the addition of the inventory system. Behavior developed here was moved to character\_sheet.js for refinement and completion. | |
| Model/table\_data.php | * Added and finalized v1 CRUD functions for inventory. | |
| Sql/  character\_manager\_week\_13.sql | * phpMyAdmin generated backup of my database. This one has the notes column for the characters table that was missing from last week. | |
| View/npc\_sheet.php | * added Inventory section with auto-population logic | |
| * test/php | * Created to test inventory form, code later migrated to npc\_sheet.php for finalization | |