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| Business  Requirements | Functional Requirements | Test Case | Status | Architectural/Design  Document | Technical  Specification |
| 2.1 – Inventory  Tracking | 5.1 – Use database to store items | Verify data in place | pass | Menu items placed in alphabetical order with product ID | 6.1 Can hold 10,000 items a year for up to 10 years |
|  | 5.3 – Python calculations | Verify correct output with test model | Pass | Using Python connector to update inventory based on orders | 6.7 Updates in real time |
|  | 5.2 – Expiration/low/out | Verify notification of old, low or out | Pass |  |  |
| 2.2 - History | Check past item usage | 8.1 Login, navigate to history tab | Pass | Drop down menu to find the exact time |  |
| 2.3 – Trend  analysis | 5.4 – Python average # | 8.1 |  |  |  |
|  |  |  |  |  |  |
| 2.4 – Ordering  /market price  updates |  | May filter vendors for ingredients, associated date | N/A | Possible other table for viewing |  |
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| Project Manager: | Eric Perry,  Eric Hodge |  |  |  |  |  |
| Group Members: | Oras Alhammadi, Danny Torres, George Saad |  |  |  |  |  |
| ID | Assoc. ID | Technical Assumption(s) and/or Customer Need(s) | Functional Requirements | Status | Architectural/Design Document | Technical Specification |
| 01 | Use Case Model 1 | Verify Login | 1)Go to login page  2)Enter UserID  3)Enter Password  4)Click login | Pass | Must have the correct userID and Password to enter platform | Using JavaScript for verification |
| 02 | Use Case Model 2 | Update Database | Change status on item(price, add, delete, par-level) | pass | Using a search box to find item needed to update, |  |
| 03 | 4. Hardware | Minimum 300mpbs, 2TB of Storage,  POS System for windows-based PC |  | pass |  |  |
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