# Release Information

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| --- | --- |
| *Release* | *Deployment* |
| *Leader* | *Spencer Leutermann* |
| *SVN Revision Number* | *69850* |

There is no new functionality for the deployment release, instead we focused on polishing code for the final demo and adhering to the ground rules. The only new addition is the addition of a receiver class ‘Admin History’ for the command pattern

# Progress Summary

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| --- | --- | --- |
| **Accomplishments by engineer** | | |
| **Team Member** | **Total Time (hrs)** | **Stories, Spikes implemented** |
| *Spencer* | *5.5* | *Scrubbing code for order form, order controller, login form, various documentation.* |
| *Nick* | *6.9* | *Worked on slides for presentation, class diagram update, test coverage report, and read me.* |
| *Dan* | *6.2* | *Worked on admin related code scrubbing and some tests for kitchen controller.* |
| *Logan* | *5.25* | *Worked on admin form and admin controller code formatting and helped with tests for kitchen controller.* |
| *Dustin* | *4.13* | *Added in a small change to order form, commented and cleaned object level classes, and worked on test coverage report.* |
| TEAM TOTAL | ***28*** |  |

|  |  |
| --- | --- |
| **Document updates** | |
| **Document** | **Changes** |
| *Readme.txt* | *Added additional build instructions* |
| *DeploymentClassDiagram* | *Added in the admin history and some associations for the command pattern.* |
| *groupB4status* | *Updated each Monday with a status* |

# Issues

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Issue Number** | **Discovery**  **Date** | **Resolution**  **Date (Est.–Act.)** | **Responsible Person** | **Description (Prob / Resolution)** |
| 1 | 4/30 | 4/30-5/2 | Nick, Spencer | Unexpected behavior due to modifications of the command pattern. |

# Screen Shots

Figure 1. Order form is the only form to receive a change, the option buttons no longer rely on color to display whether they are selected. Instead an unselected option appears as 'No’ ‘Option\_Name’.

# Test Coverage Report

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| --- | --- | --- |
| **Class** | **Coverage Percentage** | **Rational** |
| Order | 100% |  |
| MenuItem | 100% |  |
| Option | 100% |  |
| OrderController | 52% | Can't incorporate SQL |
| AdminController | 100% |  |
| KitchenController | 80% | Can't incorporate SQL |
| AdminHistory | 100% |  |
| Command | 100% |  |
| FormController | 0% | GUI Controller |
| LoginForm | 0% | GUI Element |
| AdminForm | 0% | GUI Element |
| KitchenForm | 0% | GUI Element |
| OrderForm | 0% | GUI Element |

**Domain Layer Classes (MenuItem, Option, Order)**

All domain classes resulted in 100% coverage.

**Policy Layer Classes**

OrderController

We could not test methods that use the SQLite database for saving orders. This is due to the database being saved outside the test solution and the SQL library not being accessible in the test solution. To fix the issue of file paths, we would need to have duplicate methods for all SQLite methods that define different paths for the database.

* OrderController()
* For testing purposes, we duplicated our existing constructor, leaving out SQL initialization to allow us to test the rest of this class.
* CreateOrderStatisticsTableSQL()
* CreateOrdersTableSQL()
* GetNewOrderNumberSQL()
* GetOrdersSQL()
* ProcessOrderSQL()
* SaveOrderSQL()
* UpdateOrderSQL()
* GenerateItemSQL()

AdminController

* Resulted in 100% coverage.

FormController

* Due to this controller directly manipulating the hiding and showing of our various GUI elements, this class resulted in 0% coverage.

KitchenController

* KitchenController()
* Similar to OrderController(), we made a copy of our real constructor without the SQLite initialization to allow us to test other methods in KitchenController
* CompleterOrder()
* This method marks an order as done in the SQLite database. So, we were unable to test this method for reasons already mentioned.

AdminHistory

* Resulted in 100% coverage.

**Application/UI Layer Classes (LoginForm, AdminForm, KitchenForm, OrderForm)**

GUI elements are not covered due to them begin Windows Forms. All resulted in 0% coverage.