MidWeek Check Sprint 2: GotoGro-MRM
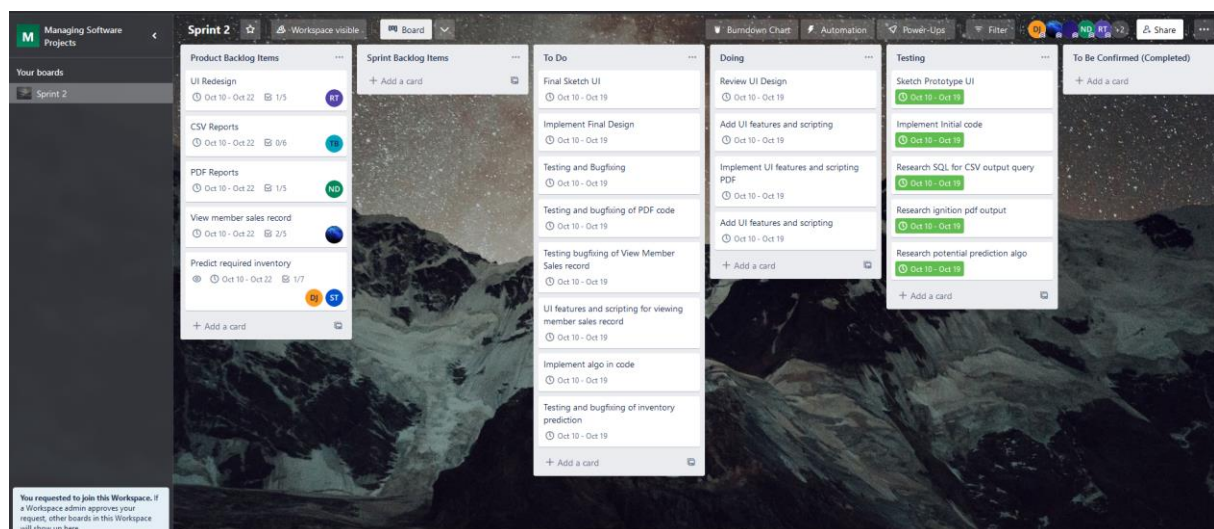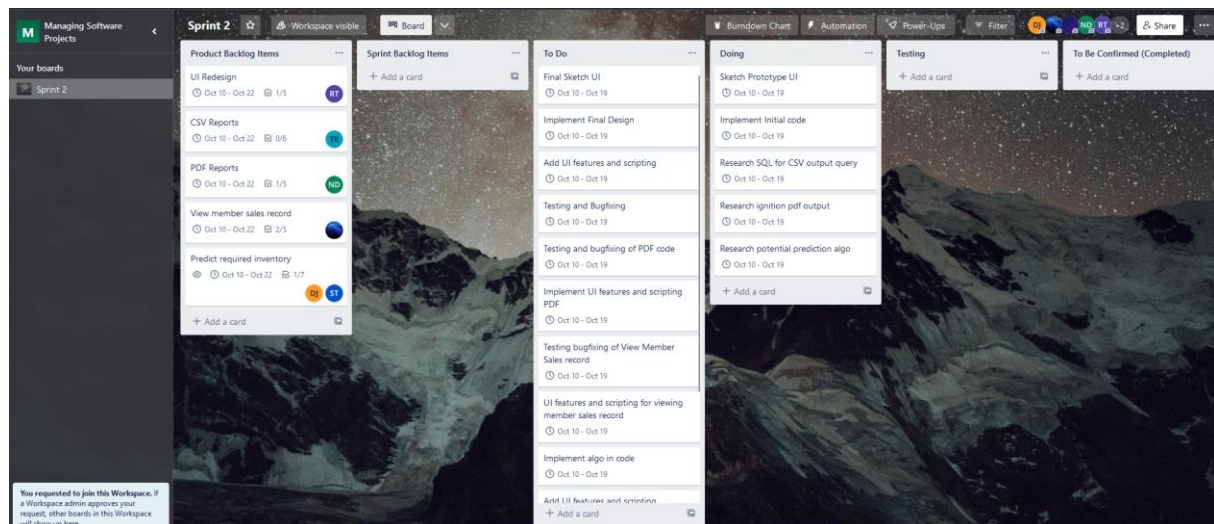
Team Details

Team Name:	MSP 14
Tutorial:	Tue 2:30 ATC325
Tutor:	Dr Kaberi Naznin

Members:	
Dylan Jarvis	102093138
Rabya Tayal	103144215
Simon Tran	103602807
Thomas Babicka	103059885
Cody Cronin-Sporys	103610020
Nicholas Dyt	101624265

Trello Days 1-5

There is some overlap with the master document outlining progress, however we were consistent in updating the Trello board to capture ongoing progress.

Screenshot 1:

Managing Software Projects

Your boards
- Sprint 2

Sprint 2 | Workspace visible | Board | Burndown Chart | Automation | Power-Ups | Filter | Share

Product Backlog Items
- UI Redesign — Oct 10 - Oct 22 — 1/5 — RT
- CSV Reports — Oct 10 - Oct 22 — 0/6 — TN
- PDF Reports — Oct 10 - Oct 22 — 1/5 — ND
- View member sales record — Oct 10 - Oct 22 — 2/5
- Predict required inventory — Oct 10 - Oct 22 — 1/7 — DJ ST
- + Add a card

Sprint Backlog Items
- + Add a card

To Do
- Implement Final Design — Oct 10 - Oct 19
- Testing and Bugfixing — Oct 10 - Oct 19
- Testing and bugfixing of PDF code — Oct 10 - Oct 19
- Testing bugfixing of View Member Sales record — Oct 10 - Oct 19
- Implement algo in code — Oct 10 - Oct 19
- Testing and bugfixing of inventory prediction — Oct 10 - Oct 19
- + Add a card

Doing
- Final Sketch UI — Oct 10 - Oct 19
- UI features and scripting for viewing member sales record — Oct 10 - Oct 19
- + Add a card

Testing
- Sketch Prototype UI — Oct 10 - Oct 19
- Implement Initial code — Oct 10 - Oct 19
- Research SQL for CSV output query — Oct 10 - Oct 19
- Research ignition pdf output — Oct 10 - Oct 19
- Research potential prediction algo — Oct 10 - Oct 19
- Review UI Design — Oct 10 - Oct 19
- Add UI features and scripting — Oct 10 - Oct 19
- Implement UI features and scripting PDF — Oct 10 - Oct 19
- Add UI features and scripting — Oct 10 - Oct 19
- + Add a card

To Be Confirmed (Completed)
- + Add a card

You requested to join this Workspace. If a Workspace admin approves your request, other boards in this Workspace will show up here.

Screenshot 2:

Managing Software Projects

Your boards
- Sprint 2

Sprint 2 | Workspace visible | Board | Burndown Chart | Automation | Power-Ups | Filter | Share

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To Do
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Doing
- UI features and scripting for viewing member sales record — Oct 10 - Oct 19
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- Final Sketch UI — Oct 10 - Oct 19
- + Add a card

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Screenshot 3:

Managing Software Projects

Your boards
- Sprint 2

Sprint 2 | Workspace visible | Board | Burndown Chart | Automation | Power-Ups | Filter | Share

Product Backlog Items
- UI Redesign — Oct 10 - Oct 22 — 1/5 — RT
- CSV Reports — Oct 10 - Oct 22 — 0/6 — TN
- PDF Reports — Oct 10 - Oct 22 — 1/5 — ND
- View member sales record — Oct 10 - Oct 22 — 2/5
- Predict required inventory — Oct 10 - Oct 22 — 1/7 — DJ ST
- + Add a card

Sprint Backlog Items
- + Add a card

To Do
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- Testing and bugfixing of PDF code — Oct 10 - Oct 19
- Testing bugfixing of View Member Sales record — Oct 10 - Oct 19
- Testing and bugfixing of inventory prediction — Oct 10 - Oct 19
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- Implement Final Design — Oct 10 - Oct 19
- Implement algo in code — Oct 10 - Oct 19
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Testing
- Sketch Prototype UI — Oct 10 - Oct 19
- Implement Initial code — Oct 10 - Oct 19
- Research SQL for CSV output query — Oct 10 - Oct 19
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- Research potential prediction algo — Oct 10 - Oct 19
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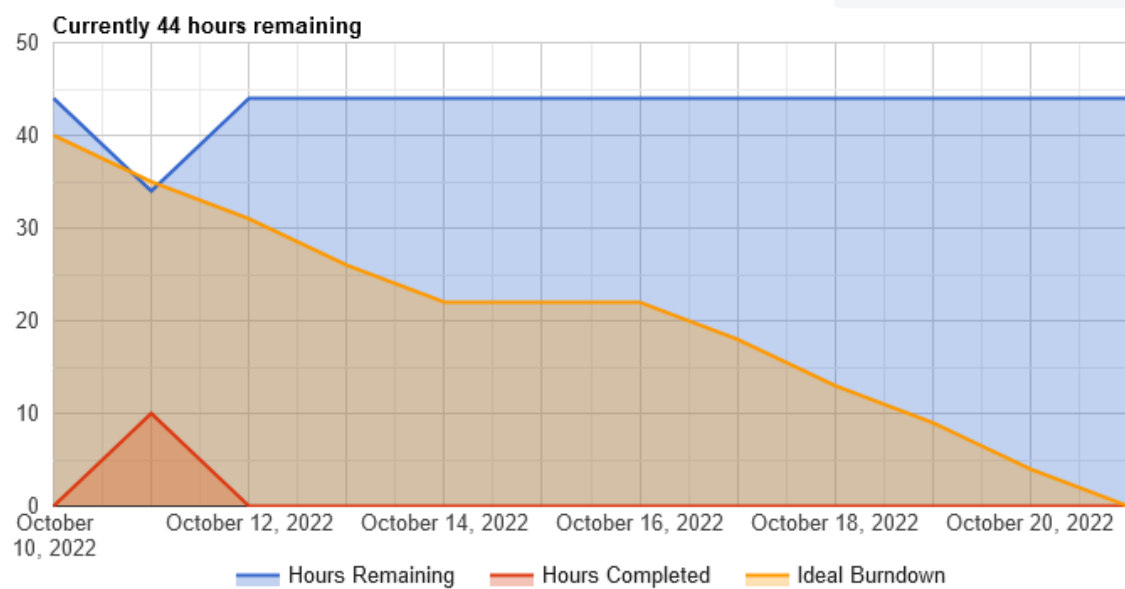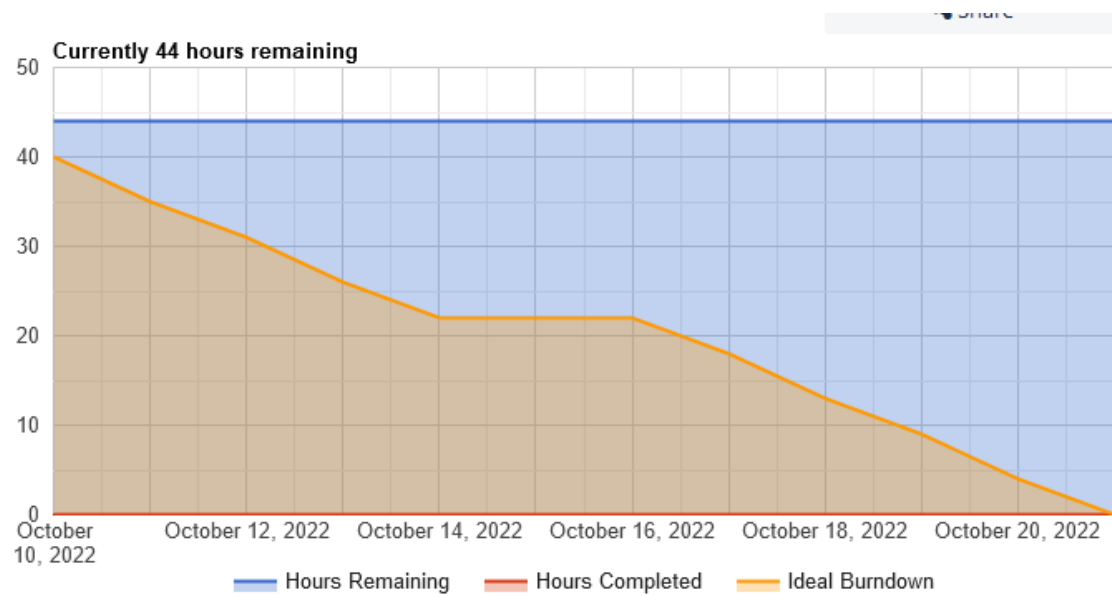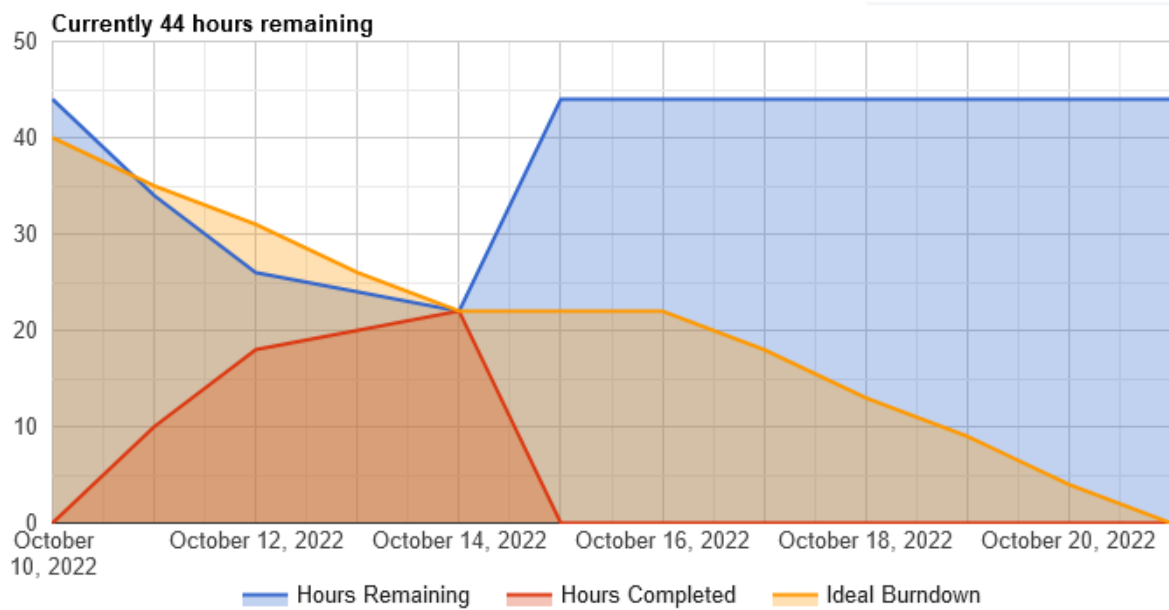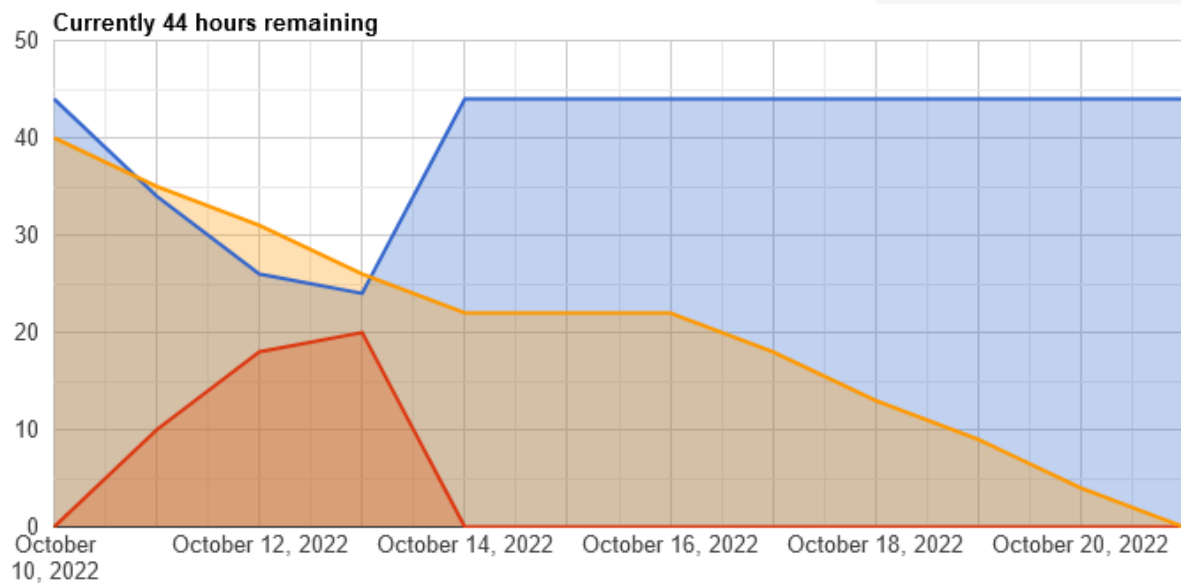- Add UI features and scripting — Oct 10 - Oct 19
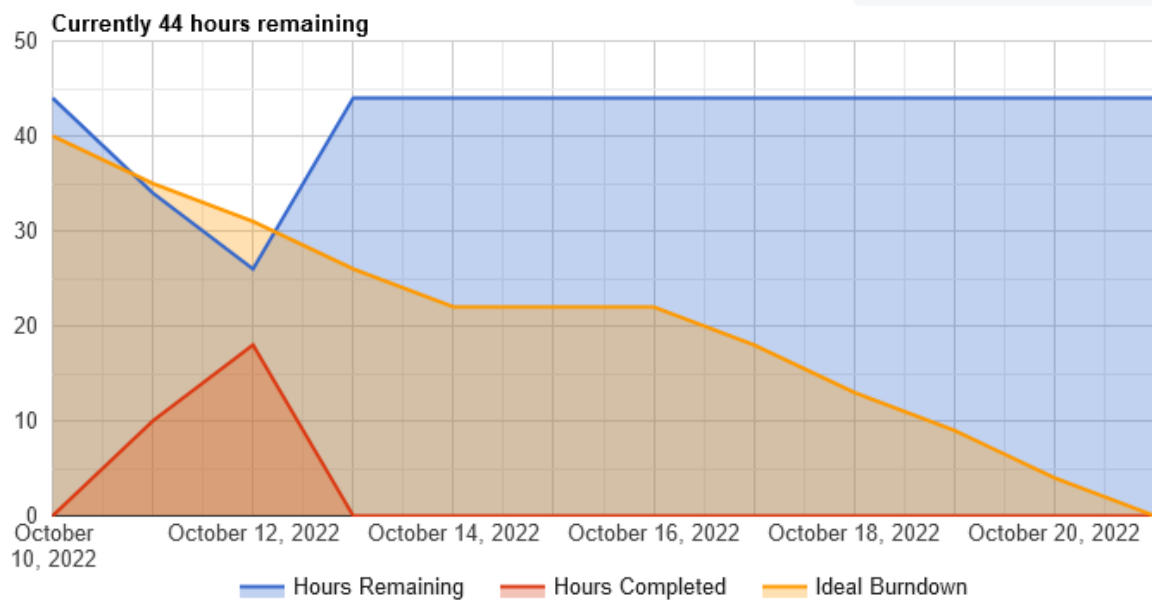- Final Sketch UI — Oct 10 - Oct 19
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Burndown Chart Days 1-5

Currently 44 hours remaining

Hours Remaining — Hours Completed — Ideal Burndown

Currently 44 hours remaining

Hours Remaining — Hours Completed — Ideal Burndown

Currently 44 hours remaining

Hours Remaining — Hours Completed — Ideal Burndown

Currently 44 hours remaining

Currently 44 hours remaining

Hours Remaining — Hours Completed — Ideal Burndown

As can be seen from the burndown charts, we smashed through the tasks on the first and second day. Progress slowed in the middle of the week due to other commitments though we are still on track to finish. Though most of the tasks are completed in a single day, there have been a few which haven't. Ideally these should be split into smaller subtasks, but they are still relatively simple and so we decided against splitting them.

Group Meeting Notes

The group meetings were conducted over discord and involved basically checking in with each member and their given tasks to discuss if they had completed it, needed more time, or needed more help. The image below summarises the content discussed over the first 5 days:

Who	Day 1	Day 2	Day 3	Day 4	Day 5
Nic	Researching ignition pdf outputting system for reports	Adding UI features for pdf reporting	Adding UI features for viewing member sales report, going to do it through reports	Implemented mock data into database to start generating quality reports	With fresh data, viewing tables bit cluttered, implemented a search function
Dylan	Researching potential stock prediction algo	Decided on a simple low-stock trigger, will look into automatically working out sales of a given item	Created large sets of mock data to be implmeneted into the system	Other subject commitments	Documentation, prepared the tasks for submission
Simon	Started to implement UI feature changes	Other subject commitments	Played with implmeneting a more clear edit member button which highlights input fields etc.	Tried to implment moving average trigger for low stock.	Testing of moving average script, probably will have to use a different metric
Cody	Learning about SQL for CSV outputs	Adding UI features for csv reporting	Adding UI features for pdf reporting	Bugfixing and testing, sometimes report bracket snot registering correctly	Other subject commitments
Thomas	Sketch prototype UI	Started implementing UI changes	Continued implementing UI changes	Other subject commitments	Final retry of UI sketch
Rabya	Learning about SQL for CSV outputs	Writing code for processing the SQL and outputting as csv	Finalised and implemented code for csv report generation, tested on data	Bugfixing and testing	Other subject commitments

Github Repository Days 1-5

Sprint 2 - Day 1
main

SpyraxianJ committed 30 seconds ago

1 parent 35e7458   commit 5edb3ce63e05fc7eaa8aa82e622380cf0f1f3236

Showing **9 changed files** with **1,049,678 additions** and **0 deletions**.

Split | Unified

Filter changed files

- Code Files
  - Inventory
    - MOCK_DATA_ITEMS.csv
  - Members
    - MOCK_DATA_MEMBERS.csv
  - POS
    - MOCK_DATA_SALES.csv
    - viewSales screenshot0.png
- Written Tasks

101 ▮▮▮▮ Code Files/Inventory/MOCK_DATA_ITEMS.csv

```
@@ -0,0 +1,101 @@
1  + id,name,price,qty
2  + 1,Goldschalger,1.47,31
3  + 2,Cookies Oatmeal Raisin,8.64,842
4  + 3,Broom - Push,19.18,528
5  + 4,"Quail - Eggs, Fresh",5.39,574
6  + 5,"Coconut - Shredded, Sweet",6.08,203
7  + 6,Wine - Barolo Fontanafredda,12.74,802
8  + 7,"Salmon - Atlantic, Fresh, Whole",10.94,777
9  + 8,"Flour - Corn, Fine",13.15,311
10 + 9,Ecolab - Mikroklene 4/4 L,15.53,832
11 + 10,The Pop Shoppe - Lime Rickey,7.14,221
12 + 11,Potatoes - Idaho 100 Count,3.96,274
13 + 12,Mince Meat - Filling,7.77,778
```

Sprint 2 - Day 2
main

SpyraxianJ committed 11 seconds ago

1 parent 5edb3ce   commit 8a3847550ae24524a05be11e2ded6b1c9b35f4d8

Showing **3 changed files** with **58 additions** and **0 deletions**.

Split | Unified

Filter changed files

- Code Files/Reports
  - report design.xml
  - report layout.png
  - reports page.png

58 ▮▮▮▮ Code Files/Reports/report design.xml

```
@@ -0,0 +1,58 @@
1  + <?xml version="1.0" ?>
2  + <sample-data>
3  +     <!--This is the raw data used to create the report preview.-->
4  +     <Report>
5  +         <Gateway>GotoGro-MRM</Gateway>
6  +         <Name>Sales Report</Name>
7  +         <Path>Sales Report</Path>
8  +         <Timestamp>2022-10-15 15:08:46.300</Timestamp>
9  +     </Report>
10 +     <now>2022-10-15 15:08:46.300</now>
11 +     <query>
12 +         <row-0>
13 +             <MemberID>69</MemberID>
```
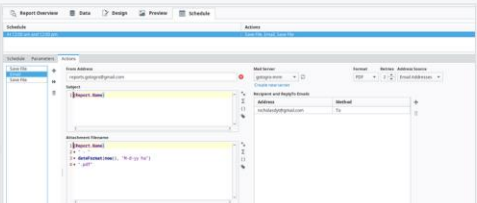
Sprint 2 - Day 3
main

SpyraxianJ committed 11 seconds ago

1 parent 8a38475   commit 06c92781ad53fe6e6b055ac08469f3b0d2132458

Showing **7 changed files** with **21 additions** and **0 deletions**.

Split | Unified

Filter changed files

- Code Files/Reports
  - email settings
    - email automation 1.png
    - email settings.png
  - low stock warning
    - low stock notification logic...
    - low stock popup.png
    - tag change script.png
    - tags.json

BIN +58.2 KB Code Files/Reports/email settings/email automation 1.png
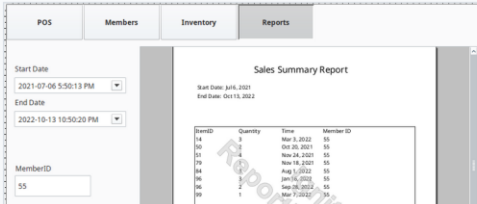

Sprint 2 - Day 4
main

SpyraxianJ committed 18 seconds ago

1 parent 06c9278   commit ad57396e364ff871a77a58d072072f8df175ccd1

Showing **2 changed files** with **12 additions** and **0 deletions**.

Split | Unified

Filter changed files

- Code Files/Reports
  - reports gui.png
  - reports scripting.py

BIN +58 KB Code Files/Reports/reports gui.png

Filter changed files

- Code Files
  - Members
    - members script.py
  - Reports
    - reports script.py

69 ▐▐▐▐▐ Code Files/Members/members script.py

```
@@ -1,46 +1,61 @@
 1   1    #Save User Button
 2   2    #scripting on the save user button action performed event
     3  + import re
     4  +
 3   5    Address = event.source.parent.getComponent('Address').text
 4   6    FName = event.source.parent.getComponent('FName').text
 5   7    Email = event.source.parent.getComponent('Email').text
 6   8    Mobile = event.source.parent.getComponent('Mobile').text
 7   9    MemberID = event.source.parent.getComponent('MemberID').text
 8  10
    11  + Email_regex = re.compile('\b[A-Za-z0-9._%+-]+@[A-Za-z0-9.-]+\.[A-Z|a-z]{2,}\b')
    12  + Address_regex = re.compile('\d{1,3}.?\d{0,3}\s[a-zA-Z]{2,30}\s[a-zA-Z]{2,15}')
    13  + FName_regex = re.compile(r'^[a-zA-Z ]+$')
```