



# Sprint 2 Materials

## Cobol Kings



Carson Duffy  
Conrad Krueger  
Jake Bass  
Tian Wu

## Retrospective Summary

Our retrospective meetings consisted of reviewing what is to be expected at the end of the sprint, discussing general barriers that teammates are facing, talking about what team members plan on accomplishing before the next meeting, and occasionally viewing a demo of a webpage a team member had worked on. Retrospective meetings showed little progress at the beginning of the sprint but showed significant progress near the end of this sprint. The progress at the beginning was marked as slow since the meetings were so close to each other, thus the meetings did not have a significant uptick in progress from the previous meeting. Even then, a huge roadblock was figuring out how to utilize event listeners for different HTML types and how to format SQL query results. However, the team started utilizing code written by other team members to implement similar actions among the three pages (event listener for live price updating, similar web page layout with CSS, using HTML buttons to create post requests, etc.) No adjustments are needed and the team is on track.

We also added 2 general tasks to the backlog that we originally planned for Sprint 3. This included implementing at least 1 API (primarily for accessibility issues) and learning how to publicly host the website. Our team quickly implemented the Google Translate API at the bottom of every webpage and was able to host the website with an AWS EC2 Instance. We implemented this under the



recommendation of the Teaching Assistants and Dr. Taele. This leaves the last sprint for implementing the remaining functionality of the 3 pages as well as error handling and the last 2 APIs.

## GitHub Release Link

<https://github.com/cwduffy01/frontend-focus/releases/tag/1.0.1>

## Product Backlog

<input checked="" type="checkbox"/> CK-23 Add buttons for report viewing	MANAGERS VIEWING REPORTS	2	TO DO	
<input checked="" type="checkbox"/> CK-24 Implement inputs for sales report	MANAGERS VIEWING REPORTS	2	TO DO	
<input checked="" type="checkbox"/> CK-25 Call backend for sales report	MANAGERS VIEWING REPORTS	4	TO DO	
<input checked="" type="checkbox"/> CK-31 Display results for sales report	MANAGERS VIEWING REPORTS	3	TO DO	
<input checked="" type="checkbox"/> CK-26 Call backend for restock report	MANAGERS VIEWING REPORTS	4	TO DO	
<input checked="" type="checkbox"/> CK-30 Display results for restock report	MANAGERS VIEWING REPORTS	3	TO DO	
<input checked="" type="checkbox"/> CK-27 Implement inputs for excess report	MANAGERS VIEWING REPORTS	2	TO DO	
<input checked="" type="checkbox"/> CK-28 Call backend for restock report	MANAGERS VIEWING REPORTS	4	TO DO	
<input checked="" type="checkbox"/> CK-29 Display results for restock report	MANAGERS VIEWING REPORTS	3	TO DO	
<input checked="" type="checkbox"/> CK-39 Add option to log out on each page	PAGE ACCESS FOR ALL TYPES OF ...	3	TO DO	
<input checked="" type="checkbox"/> CK-40 Implement OAuth API for logging users in	PAGE ACCESS FOR ALL TYPES OF ...	4	TO DO	
<input checked="" type="checkbox"/> CK-41 Allow managers to change the page that is seen	PAGE ACCESS FOR ALL TYPES OF ...	3	TO DO	
<input checked="" type="checkbox"/> CK-43 Prevent customers from entering empty orders	ERROR HANDLING ON ALL PAGES	1	TO DO	
<input checked="" type="checkbox"/> CK-45 Prevent customers from selecting items that are out of stock	ERROR HANDLING ON ALL PAGES	2	TO DO	

## Sprint Backlog

▼ Sprint 2 13 Nov – 22 Nov (20 issues)		0 3 48	Complete sprint	...
Completion on the three pages for the main three kinds of users: customer, employee, and manager				
<input checked="" type="checkbox"/> CK-13 Report customer order price to customer	CUSTOMERS CREATING/MANAGI...	2	DONE	
<input checked="" type="checkbox"/> CK-14 Add customer selected items to an order log	CUSTOMERS CREATING/MANAGI...	2	DONE	
<input checked="" type="checkbox"/> CK-10 Create frontend for customer menu items/navigation	CUSTOMERS CREATING/MANAGI...	4	DONE	
<input checked="" type="checkbox"/> CK-9 Create basic CSS styles for customer page	CUSTOMERS CREATING/MANAGI...	2	DONE	
<input checked="" type="checkbox"/> CK-17 Implement restock item modification/deletion	MANAGERS RESTOCKING ITEMS	2	DONE	
<input checked="" type="checkbox"/> CK-32 Create frontend for server page	EMPLOYEES VIEWING/COMPLETIN...	4	DONE	
<input checked="" type="checkbox"/> CK-34 Allow servers to manage status of customer orders	EMPLOYEES VIEWING/COMPLETIN...	2	DONE	
<input checked="" type="checkbox"/> CK-33 Display incomplete customer orders to server frontend	EMPLOYEES VIEWING/COMPLETIN...	3	DONE	
<input checked="" type="checkbox"/> CK-35 Remove complete orders from the server frontend	EMPLOYEES VIEWING/COMPLETIN...	2	DONE	
<input checked="" type="checkbox"/> CK-8 Create basic/common HTML for all pages	CUSTOMERS CREATING/MANAGI...	2	DONE	

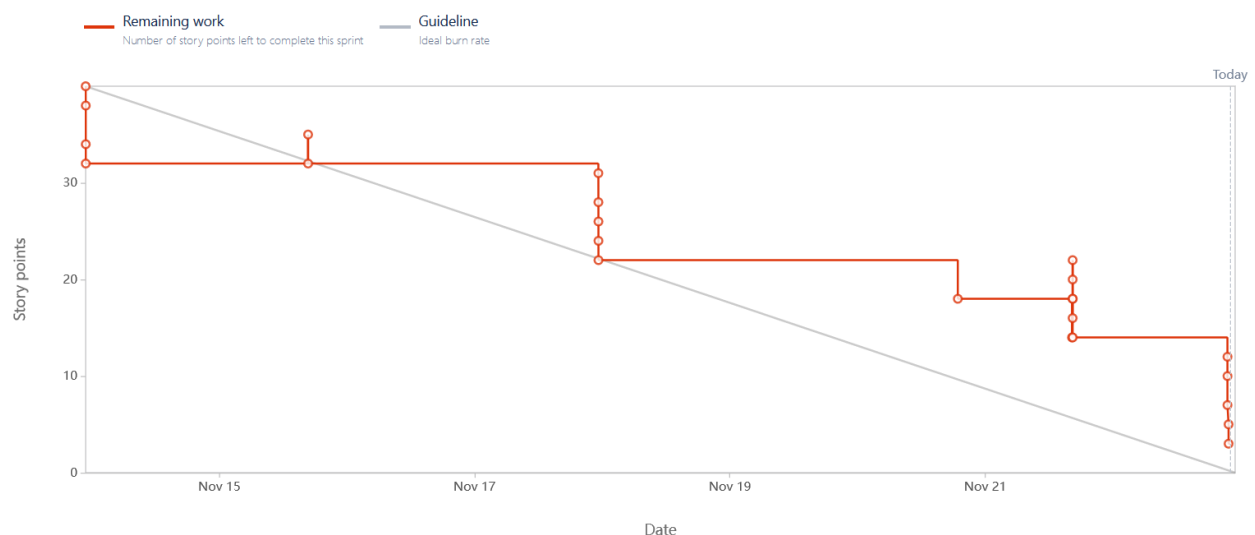


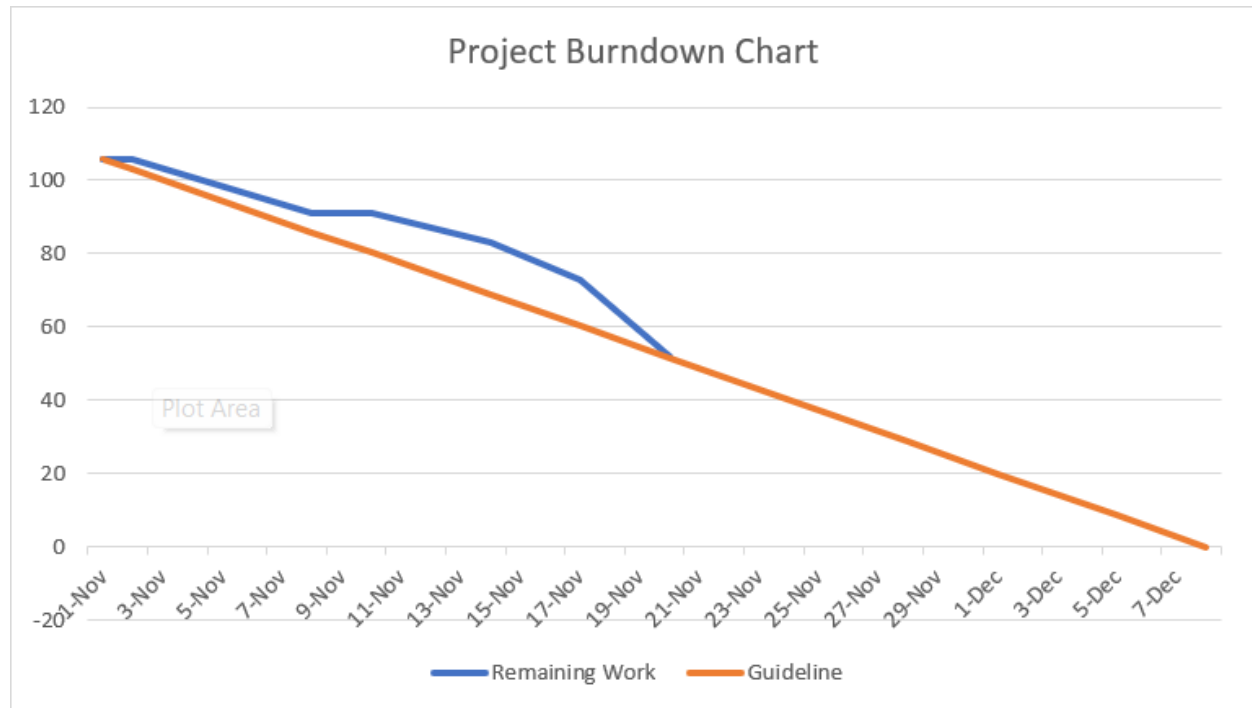
✓ CK-44 Host app on AWS	MANAGERS RESTOCKING ITEMS	3	DONE ✓	C
✓ CK-15 Create frontend for manager restock menu	MANAGERS RESTOCKING ITEMS	4	DONE ✓	C
✓ CK-20 Update inventories with restock confirmation	MANAGERS RESTOCKING ITEMS	2	DONE ✓	C
✓ CK-16 Report restock order price	MANAGERS RESTOCKING ITEMS	1	DONE ✓	C
✓ CK-19 Add manager selected restock items to log	MANAGERS RESTOCKING ITEMS	3	DONE ✓	C
✓ CK-18 Implement restock order confirmation/push to database	MANAGERS RESTOCKING ITEMS	2	DONE ✓	C
✓ CK-12 Implement customer order item modification/deletion	CUSTOMERS CREATING/MANAGI...	3	IN PROGRESS ▾	C
✓ CK-36 Add a "change language" option to the customer page	CUSTOMER USABILITY FOR NON-...	2	DONE ✓	J
✓ CK-37 Allow user to select from the most popular worldwide languages	CUSTOMER USABILITY FOR NON-...	2	DONE ✓	J
✓ CK-38 Translate all of the text on the page to a user-selected language	CUSTOMER USABILITY FOR NON-...	4	DONE ✓	J

+ Create issue

	Sprint 1	Sprint 2	Sprint 3
Carson Duffy	1	12	
Conrad Krueger	7	17	
Jake Bass	1	19	
Tian Wu	0	0	

## Burn-down Charts





## Next Sprint's SCRUM Meeting Schedule

- Monday 11/28 @ 3PM
- Thursday 12/1 @ 4PM
- Monday 12/5 @ 3PM



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## Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Cobol Kings: Frontend Focus

Prepared by: Carson Duffy

Meeting Date: 11/15/22

### Meeting Attendees

1. Carson Duffy
2. Conrad Krueger
3. Jake Bass

### Meeting Agenda Items

- Review sprint backlog and update status of tasks
- Assign tasks to be completed before next SCRUM meeting

### Status Update Since Last Meeting

Accomplishments:

- The basic functionality of the customer order page was completed
- Website has been hosted on AWS and can be accessed online

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Report customer order price to customer	Carson	yes
Create frontend for customer menu items/navigation	Carson	yes
Create basic/common HTML for all pages	Carson	yes
Host app on AWS	Conrad	yes

### Before The Next Meeting

Plans:

- Work on user study report
- Have basic frontend-backend integration complete for all pages



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Task Assignments:

Task Description	Assigned to
Create basic CSS styles for customer page	Carson
Add customer selected items to an order log	Carson
Create frontend for manager restock menu	Conrad
Add manager selected restock items to log	Conrad
Implement restock order confirmation/push to database	Conrad
Report restock order price	Conrad
Create frontend for server page	Jake
Display incomplete customer orders to server frontend	Jake

## Minutes from Previous Meeting



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## SCRUM Meeting 2 for Frontend Focus

Prepared by:

Meeting Date:

## Meeting Attendees

4. Carson Duffy
5. Jake Bass
6. Conrad Krueger

## Meeting Agenda Items

- Demo manager page
- Review Jira board and update tasks

## Status Update Since Last Meeting

Accomplishments:

- Functional manager page

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Create basic CSS styles for customer page	Carson	no
Add customer selected items to an order log	Carson	no
Create frontend for manager restock menu	Conrad	no
Add manager selected restock items to log	Conrad	yes
Implement restock order confirmation/push to database	Conrad	yes
Report restock order price	Conrad	yes
Create frontend for server page	Jake	no
Display incomplete customer orders to server frontend	Jake	no



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## Before The Next Meeting

### Plans:

- Have a nice-looking frontend for the customer order page
- Reconfigure backend for customer order page
- Have a functional server page

### Task Assignments:

Task Description	Assigned to
Create basic CSS styles for customer page	Carson
Add customer selected items to an order log	Carson
Implement customer order item modification/deletion	Carson
Create frontend for manager restock menu	Conrad
Create frontend for server page	Jake
Display incomplete customer orders to server frontend	Jake
Allow servers to manage status of customer orders	Jake
Remove complete orders from the server frontend	Jake

## Minutes from Previous Meeting





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## SCRUM Meeting 3 for Cobol Kings: Frontend Focus

Prepared by: Carson Duffy

Meeting Date: 11/21/2022

## Meeting Attendees

7. Carson Duffy
8. Conrad Krueger
9. Jake Bass

## Meeting Agenda Items

- Demo the current state of the project
- Assess SCRUM board and assign tasks

## Status Update Since Last Meeting

Accomplishments:

- Manager page basic functionality has been completed

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Create basic CSS styles for customer page	Carson	no
Add customer selected items to an order log	Carson	no
Implement customer order item modification/deletion	Carson	no
Create frontend for manager restock menu	Conrad	yes
Create frontend for server page	Jake	no
Display incomplete customer orders to server frontend	Jake	no
Allow servers to manage status of customer orders	Jake	no
Remove complete orders from the server frontend	Jake	no



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## Before The Next Meeting

### Plans:

- Complete basic functionality of customer and employee pages

### Task Assignments:

Task Description	Assigned to
Create basic CSS styles for customer page	Carson
Add customer selected items to an order log	Carson
Implement customer order item modification/deletion	Carson
Create frontend for server page	Jake
Display incomplete customer orders to server frontend	Jake
Allow servers to manage status of customer orders	Jake
Remove complete orders from the server frontend	Jake

## Minutes from Previous Meeting