



Sprint 1 Materials

Team Name

[Optional Team Logo]

Soham Nagawanshi

Kevin Zhang

Ryan Kha

Shreyan Satheesh

Russell Rivard

Bradley James

Retrospective Summary

Summarize your retrospective meeting. Discuss what went right and wrong during the sprint, what changes (if any) need to be made regarding procedure, and what adjustments might need to be made to the product backlog. If backlog goals were not met, include an explanation of why not. The summary should be approximately 250 words.

GitHub Release Link

<https://github.com/CSCE331-Fall2024/project-3-team-8p/tree/v1.0>

Product Backlog

Your product backlog contains the list of tasks with their:

- priorities,
- dependencies,
- user story points (an estimate of effort involved from the unitless set {1, 2, 3, 5, 8, 13, 21}), and
- status {not started, in progress, completed}.

It should be updated continually throughout the project. Include the snapshot of the product backlog at the end of the sprint here.



Team BP Project 3 - Backlog - X +

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Backlog

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SCRUM Sprint 1 26 Oct - 28 Oct (18 issues)

35 52 2 Complete sprint

SCRUM-55	Implement Get Requests	REST API & BACKEND ...	IN REVIEW	7	N
SCRUM-62	Build View for Inventory Management	MANAGER PAGE FUNC...	IN REVIEW	17	N
SCRUM-210	Build Checkout Page	CUSTOMER KIOSK FUN...	TO DO	3	S
SCRUM-123	Build Kiosk View	CUSTOMER KIOSK FUN...	IN REVIEW	12	S
SCRUM-14	Finish Sprint 1 GitHub Release	RELEASE MANAGEMENT	DONE	1	N
SCRUM-24	Conduct User Study	REPORTS	DONE	1	B
SCRUM-17	Write Sprint 1 Written Materials	REPORTS	IN PROGRESS	9	B
SCRUM-22	Create Team Meeting Presentation	REPORTS	IN PROGRESS	7	B
SCRUM-28	Write Project 3 Peer Evaluation 1	REPORTS	TO DO	0	B
SCRUM-31	Write Project 3 Peer Evaluation 1 Reflection	REPORTS	TO DO	0	B
SCRUM-51	Implement User Authentication	REST API & BACKEND ...	TO DO	4	N
SCRUM-135	Build View for Menu Item Management	MANAGER PAGE FUNC...	TO DO	5	N
SCRUM-139	Build View for Employee Management	MANAGER PAGE FUNC...	TO DO	5	N
SCRUM-224	Build View to Show Current Orders	KITCHEN PAGE FUNCTI...	TO DO	3	R

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SCRUM Sprint 1 26 Oct - 28 Oct (18 issues)

35 52 2 Complete sprint

SCRUM-14	Finish Sprint 1 GitHub Release	RELEASE MANAGEMENT	DONE	1	N
SCRUM-24	Conduct User Study	REPORTS	DONE	1	B
SCRUM-17	Write Sprint 1 Written Materials	REPORTS	IN PROGRESS	9	B
SCRUM-22	Create Team Meeting Presentation	REPORTS	IN PROGRESS	7	B
SCRUM-28	Write Project 3 Peer Evaluation 1	REPORTS	TO DO	0	B
SCRUM-31	Write Project 3 Peer Evaluation 1 Reflection	REPORTS	TO DO	0	B
SCRUM-51	Implement User Authentication	REST API & BACKEND ...	TO DO	4	N
SCRUM-135	Build View for Menu Item Management	MANAGER PAGE FUNC...	TO DO	5	N
SCRUM-139	Build View for Employee Management	MANAGER PAGE FUNC...	TO DO	5	N
SCRUM-224	Build View to Show Current Orders	KITCHEN PAGE FUNCTI...	TO DO	3	R
SCRUM-234	Create Menu Board View	MENU BOARD FUNCTI...	TO DO	3	B
SCRUM-245	Write User Study Report	REPORTS	TO DO	4	B
SCRUM-57	Implement Post Requests	REST API & BACKEND ...	TO DO	4	N
SCRUM-56	Implement Put Requests	REST API & BACKEND ...	TO DO	4	N

+ Create issue

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SCRUM Sprint 2 29 Oct - 11 Nov (15 issues) 38 0 0 Start sprint

SCRUM-58	Implement Delete Request	REST API & BACKEND ...	TO DO	3	N
SCRUM-49	Support Dynamic Menu Item Pricing	MANAGER PAGE FUNC...	TO DO	3	N
SCRUM-15	Finish Sprint 2 GitHub Release	RELEASE MANAGEMENT	TO DO	0	
SCRUM-18	Write Sprint 2 Written Materials	REPORTS	TO DO	0	
SCRUM-26	Write Mid-project Individual Status Report	REPORTS	TO DO	0	
SCRUM-66	Build View to Display Menu Items	CASHIER PAGE FUNCTI...	TO DO	3	N
SCRUM-59	Implement API Service	REST API & BACKEND ...	TO DO	5	N
SCRUM-73	Integrate Translation API	REST API & BACKEND ...	TO DO	3	
SCRUM-74	Integrate weather API	REST API & BACKEND ...	TO DO	3	
SCRUM-143	Build View for X and Z Reports	MANAGER PAGE FUNC...	TO DO	3	N
SCRUM-147	Build View for Sales Report Chart	MANAGER PAGE FUNC...	TO DO	3	N
SCRUM-151	Build View for Product Usage Chart	MANAGER PAGE FUNC...	TO DO	3	N
SCRUM-155	Create Manager Authentication Flow	MANAGER PAGE FUNC...	TO DO	3	N
SCRUM-194	Support Dynamic Menu Item Pricing	REST API & BACKEND ...	TO DO	3	N
SCRUM-229	Create Kitchen Authentication Flow	KITCHEN PAGE FUNCTI...	TO DO	3	N

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SCRUM Sprint 3 12 Nov - 25 Nov (24 issues) 41 0 0 Start sprint

SCRUM-16	Release Sprint 3 GitHub Release	RELEASE MANAGEMENT	TO DO	0	
SCRUM-19	Write Sprint 3 Written Materials	REPORTS	TO DO	0	
SCRUM-25	Write Expert Panel Report	REPORTS	TO DO	0	
SCRUM-48	Enable Multi-language Support	CUSTOMER KIOSK FUN...	TO DO	2	N
SCRUM-50	Provide Nutritional and Allergen Alerts	MENU BOARD FUNCTI...	TO DO	2	N
SCRUM-53	Support Vishnu's Accessibility Requirements	MANAGER PAGE FUNC...	TO DO	2	S
SCRUM-54	Support Carol's Accessibility Requirements	MANAGER PAGE FUNC...	TO DO	2	N
SCRUM-33	Write Code Documentation	RELEASE MANAGEMENT	TO DO	0	
SCRUM-35	Record Final Presentation Video	REPORTS	TO DO	0	
SCRUM-29	Write Project 3 Peer Evaluation 2	REPORTS	TO DO	0	
SCRUM-32	Write Project 3 Peer Evaluation 2 Reflection	REPORTS	TO DO	0	
SCRUM-131	Support Mobile-friendliness in Customer Kiosk View	CUSTOMER KIOSK FUN...	TO DO	5	N
SCRUM-163	Build View to Place Orders	CASHIER PAGE FUNCTI...	TO DO	3	
SCRUM-177	Create Cashier Authentication Flow	CASHIER PAGE FUNCTI...	TO DO	3	
SCRUM-186	Support Mobile-friendliness in Kitchen UI	KITCHEN PAGE FUNCTI...	TO DO	2	

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Team BP Project 3 - Backlog

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SCRUM-32	Write Project 3 Peer Evaluation 2 Reflection	REPORTS	TO DO	0	
SCRUM-131	Support Mobile-friendliness in Customer Kiosk View	CUSTOMER KIOSK FUN...	TO DO	5	
SCRUM-163	Build View to Place Orders	CASHIER PAGE FUNCT...	TO DO	3	
SCRUM-177	Create Cashier Authentication Flow	CASHIER PAGE FUNCT...	TO DO	3	
SCRUM-186	Support Mobile-friendliness in Kitchen UI	KITCHEN PAGE FUNCT...	TO DO	2	
SCRUM-187	Support Color Contrast Change in Customer UI	CUSTOMER KIOSK FUN...	TO DO	2	
SCRUM-188	Support Vishnu's Accessibility Requirements	MENU BOARD FUNCT...	TO DO	2	
SCRUM-189	Support Color Contrast Change in Cashier UI	CASHIER PAGE FUNCT...	TO DO	2	
SCRUM-190	Add UI Enlarging Functionality to Customer UI	CUSTOMER KIOSK FUN...	TO DO	2	
SCRUM-191	Add UI Enlarging Functionality to Cashier UI	CASHIER PAGE FUNCT...	TO DO	2	
SCRUM-192	Add UI Enlarging Functionality to Kitchen UI	KITCHEN PAGE FUNCT...	TO DO	2	
SCRUM-193	Support Carol's Accessibility Requirements	MENU BOARD FUNCT...	TO DO	2	
SCRUM-204	Support Color Contrast Change in Manager UI	MANAGER PAGE FUNC...	TO DO	3	
SCRUM-205	Add UI Enlarging Functionality to Manager UI	MANAGER PAGE FUNC...	TO DO	3	

+ Create issue

24 issues | Estimate: 41

Post-Sprint 25 Nov - 3 Dec (5 issues)

Start sprint

SCRUM-20	Write Group Retrospective	REPORTS	TO DO	0	
SCRUM-21	Write End Course Retrospective	REPORTS	TO DO	0	
SCRUM-27	Write End-project Individual Status Report	REPORTS	TO DO	0	
SCRUM-34	Ensure Final Project Completeness	REPORTS	TO DO	0	
SCRUM-30	Write Project 3 Peer Evaluation 3	REPORTS	TO DO	0	

+ Create issue

5 issues | Estimate: 0

Backlog (0 issues)

Create sprint

Your backlog is empty.

Sprint Backlog



Your sprint backlog is a subset of the product backlog. It includes the list of tasks that were scheduled for the sprint. For each task, it provides:

- user story point value (from the product backlog),
- who assigned to,
- actual time spent, and



- status {not started, in progress, completed}.

The screenshot displays the Jira Backlog for a project named "Team BP Project 3 - Backlog". The backlog is organized into a table with columns for task name, status, and progress. The tasks are listed in a table with columns for task name, status, and progress. The tasks are listed in a table with columns for task name, status, and progress.

Task Name	Status	Progress
SCRUM-55 Implement Get Requests	IN REVIEW	7
SCRUM-62 Build View for Inventory Management	IN REVIEW	17
SCRUM-210 Build Checkout Page	TO DO	3
SCRUM-123 Build Kiosk View	IN REVIEW	12
SCRUM-14 Finish Sprint 1 GitHub Release	DONE	1
SCRUM-24 Conduct User Study	DONE	1
SCRUM-17 Write Sprint 1 Written Materials	IN PROGRESS	9
SCRUM-22 Create Team Meeting Presentation	IN PROGRESS	7
SCRUM-28 Write Project 3 Peer Evaluation 1	TO DO	0
SCRUM-31 Write Project 3 Peer Evaluation 1 Reflection	TO DO	0
SCRUM-51 Implement User Authentication	TO DO	4
SCRUM-135 Build View for Menu Item Management	TO DO	5
SCRUM-139 Build View for Employee Management	TO DO	5
SCRUM-224 Build View to Show Current Orders	TO DO	3



It should also contain a **summary table** that shows the total number of completed user story points for each team member. The summary table should have a column for each sprint completed to date. These will be a factor in your individual contribution assessment.

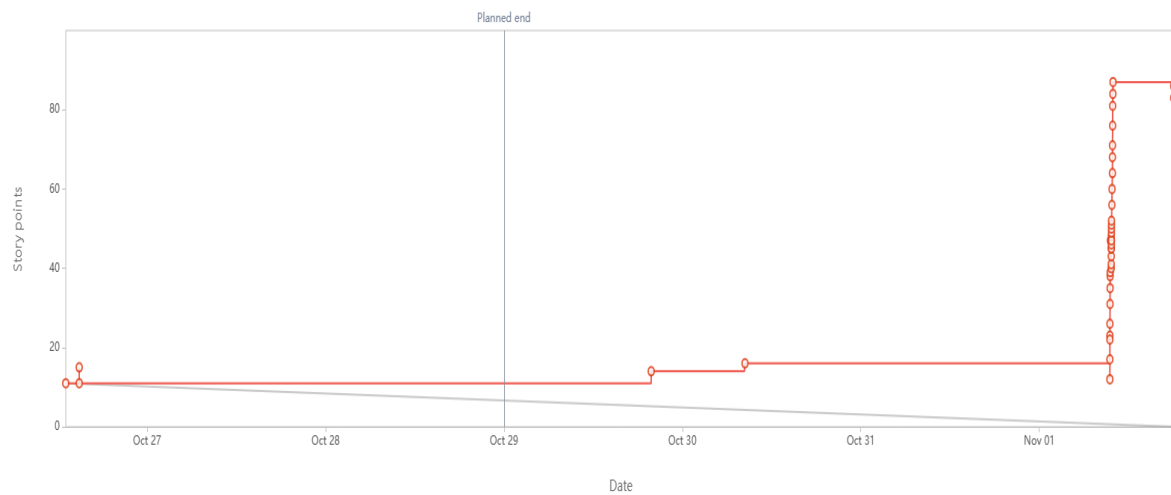
	Sprint 1
Soham Nagawanshi	2
Kevin Zhang	1
Ryan Kha	1
Russell Rivard	1
Shreyan Satheesh	1
Bradley James	1

Burn-down Charts

Include two burn-down charts, one for the sprint and one for the product.

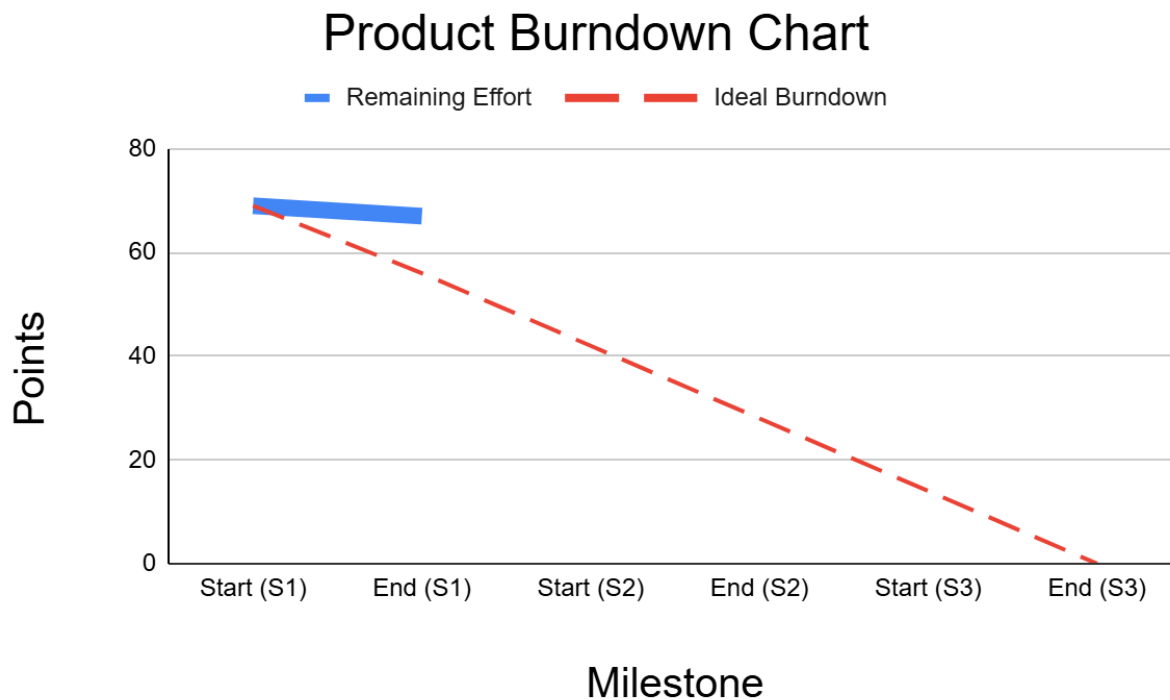
- The initial sprint burn-down chart is created from the sprint backlog. It should be updated after each SCRUM meeting based on team member status and feedback. Thus it should contain at least 5 data points (the start of the sprint, 3 SCRUM meetings, and the end of the sprint).
- The product burn-down chart should be updated once during the sprint and again at the end of the sprint. Thus, by the end of the project's 3 sprints, there should be at least 7 data points on the product burn-down chart (the start of each sprint, the middle of each sprint, and the end of each sprint).
-

Sprint burn-down chart





Product burn-down chart



Next Sprint's SCRUM Meeting Schedule

Meeting 1: 11/6/2024

Meeting 2: 11/8/2024

Meeting 3: 11/11/2024

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for 8p

Prepared by: Soham Nagawanshi

Meeting Date: 10/24/2024



Meeting Attendees

1. Soham Nagawanshi
2. Ryan Kha
3. Shreyan Satheesh
4. Kevin Zhang
5. Russell Rivard
6. Bradley James

Meeting Agenda Items

- Progress Report (Scrum)
- Assign Tasks

Status Update Since Last Meeting

Accomplishments:

- LoFi Prototypes for Manager, Cashier UI, and Customer UI are complete

Soham has worked on implementing Get Requests to

Shreyan has finished creating LoFi prototypes

Kevin has finished administrative items

Ryan is working on implementing user stories

Russel can dedicate more time next week

Bradley is revising menu display

Russell has been busy but can work on his tasks soon

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
Implement Get Requests	Soham	No
Administrative Items	Kevin	No
Translate items from previous project to this project	Kevin	No
Implement user stories unanticipated with backlog, along with scheduling and planning section of design and managing template	Ryan	No



Create Kitchen Display interface	Russell	No
Create Menu Boards interface	Bradley	No
Create LoFi prototypes	Shreyan	Yes

Before The Next Meeting

Plans:

- Create UML Diagram
- Finish LoFi prototypes
- Implement Get Requests

Task Assignments:

Task Description	Assigned to
Create UML Diagram	Kevin
Finish LoFi prototypes	Shreyan, Bradley, Russel
Implement Get Requests	Ryan, Soham
Complete Administrative Items	Kevin
Translate items from previous project to this project	Kevin
Implement user stories unanticipated with backlog, along with scheduling and planning section of design and managing template	Ryan
Create Kitchen Display interface	Russell
Create Menu Boards interface	Bradley

Minutes from Previous Meeting

N/A (1st meeting)



SCRUM Meeting 2 for 8p

Prepared by: Soham Nagawanshi

Meeting Date: 10/26/2024

Meeting Attendees

7. Soham Nagawanshi
8. Ryan Kha
9. Shreyan Satheesh
10. Kevin Zhang
11. Russell Rivard
12. Bradley James

Meeting Agenda Items

- Status Update
- Discuss the timeline before next meeting

Status Update Since Last Meeting

Accomplishments:

- Russell finished LoFi prototype for Kitchen display
- Soham has worked on implementing Get Requests to
- ✗ Shreyan has finished creating LoFi prototypes
- ✗ Kevin has finished administrative items
- ✗ Ryan is working on implementing user stories
- ✗ Russel can dedicate more time next week
- ✗ Bradley finished LoFi prototype for Menu Boards display, currently revising
- ✗ Russel has been busy but can work on his tasks soon

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
LoFi Prototype (Kitchen display)	Russell	Yes



LoFi Prototypes (Cashier, Customer, Manager)	Shreyan	Yes
Administrative Items	Kevin	Yes

Before The Next Meeting

Plans:

- Implement Get requests
- Finish Management and Design template
- Become familiar with React (for frontend developers)
- Finish remaining LoFi prototypes

Task Assignments:

Task Description	Assigned to
Complete Management and Design Template	All
Implement Get Requests	Soham, Ryan
Become familiar with React	Kevin, Shreyan, Bradley, Russell
Finish revising LoFi prototype for Menu Boards	Bradley

Minutes from Previous Meeting

We went around discussing our progress since our initial meeting where we assigned specific roles. Shreyan finished his implementation with the UIs for the manager, cashier, and customer. Ryan was working on the user stories to ensure that we met all the requirements. Bradley made an initial design for the menu display, but after insightful feedback, he decided to revise it to better fit the theme across all frontend designs. Although Russell has been busy, he ensured that he would be able to finish the design for the kitchen display interface. Soham said he is still working on the Rest API, but will most likely get it working by tonight. He is also working on the Executive Summary and Appendices, as well as creating the Burndown chart. Ryan is learning more about Spring Boot and plans to work on the Manager Report and becoming more familiar with Spring Boot, and will split the appendices with Soham. Kevin has finished the administrative items to ensure we all use the same version of npm and WebStorm. He has also completed the stories on Jira, but will be restructuring them, and will work on finishing the React tutorial along with the UML diagram. We then discussed what was our highest priority and what needed to be completed by our next meeting. Russell and Bradley were going to finish the design for the kitchen and menu displays. After they complete their tasks, they will join Shreyan and Kevin in learning more about React.



SCRUM Meeting 3 for 8p

Prepared by: Soham Nagawanshi

Meeting Date: 10/29/2024

Meeting Attendees

13. Soham Nagawanshi
14. Ryan Kha
15. Shreyan Satheesh
16. Kevin Zhang
17. Russell Rivard
18. Bradley James

Meeting Agenda Items

- Status update
- Items to complete by next meeting

Status Update Since Last Meeting

Accomplishments:

- Russell finished kitchen display LoFi prototype
- Kevin and Shreyan have created our Initial MVP
- Ryan has finished implementing the rest of the Get requests
- Kevin has reviewed React, and has finished preliminary MVP for manager UI
- Soham has submitted the Get pull and Get requests and got approval
- Bradley has finished LoFi prototype for Menu Boards

Tasks Completed:

Task Description	Assigned to	Completed? (yes/no)
------------------	-------------	---------------------



LoFi Prototype (Menu Boards display)	Bradley	Yes
LoFi Prototype (Kitchen display)	Russell	Yes
Get Requests	Ryan and Soham	Yes
Initial MVP	Kevin and Shreyan	Yes

Before The Next Meeting

Plans:

- Finish implementing Customer and Manager interfaces
- Create and finish Menu Boards and Kitchen Display interfaces
- Create items on backend to support functions and requests
- Learn React

Task Assignments:

Task Description	Assigned to
Finish requests	Ryan and Soham
Create Menu Boards interface	Bradley
Crete Kitchen Display interface	Russell
Write unit tests	Soham
Finish components for Manager UI	Kevin
Finish components for Cashier UI	Shreyan
Learn React	All

Minutes from Previous Meeting

We began by discussing our progress since our previous meeting. As Russell finished working on the kitchen GUI, he will begin his work on the frontend with his newfound knowledge with React. His only roadblock is concerning the connection with the backend and communication with the database. Shreyan has been working on the customer UI and created the landing page for it, and will work to complete it by tonight. His roadblocks include consistent formatting and organization with the rest of the team. Ryan has finished implementing the rest of the Get requests. He will be getting ahead by working on items for Sprint 2. His main roadblock is learning everything needed for the



upcoming sprint. Kevin has reviewed React, and has finished the preliminary MVP for manager UI. He plans on finishing the rest of the components for the manager UI, as well as setting up the basic scaffolding with how to connect the manager UI with the backend. His main roadblock is syncing with Shreyan and having a consistent style and format. Soham has submitted the Get pull and get requests and got approval. He is writing tests for these items, as well as implementing put, update, and delete for Ryan to continue his work. His primary focus is setting up an HTTP client in React to allow the frontend developers to call a function to perform tasks on the backend. His main roadblock is he will not be able to learn React until later next week due to a busy schedule, as well as becoming acquainted with Spring Boot. Bradley has finished the initial lessons on the React tutorial, and began his implementation of the menu boards using React. He hopes to get it done by the end of the sprint, but has a very busy week ahead of him. The primary focus for the group is to implement the manager and customer interfaces as much as possible, with the backend developers to create items to support functions and requests from the frontend.