

Sprint #01 Review

Date: 06/09/2020

Sprint: 1

Scrum Master: Vincent Villaflores (s3728807)

Development team: Meng Kheang Leng (s3704080), Chhayhy Kourn (s3699618), Hue Phuong Le (s3687477), William Bossen (s3658961)

Sprint Goals

The goal of the first sprint is to begin work on two features including allowing customers to have the ability to make an appointment and display all of their bookings (current bookings and past bookings). In addition to this, we will discuss the Done Increment about the items which were considered to be “done”, satisfying all the requirements in the Definition of Done (DoD) and also these unfinished items which can be considered for the next sprint. Finally, we update the Product Backlog based on this discussion.

Status Overview

A table below shows the information of product backlog items will be discussed.

Task ID	Task name	User story	Status	Demo
35	Set up database and model for the back-end	N/A	Finished	Yes
36	Design mock-up user interface for the whole website	N/A	Finished	Yes
14.1	Implement back-end including service, repository & controller to handle HTTP GET request and get session data	As a customer, I want to be able to see available appointment sessions so that I can schedule my time efficiently	Finished	Yes
14.2	Add function to front-end and send request to server		Finished	Yes
14.3	Write unit test		Finished	Yes
15.1	Implement back-end including service, repository & controller to handle HTTP GET request and get worker data	As a customer I want to be able to see whos providing the service so that I can book an appointment with the	Finished	Yes
15.2	Add function to front-end and send request to server		Finished	Yes

15.3	Write unit test	right person	Finished	Yes
16.1	Implement back-end including service, repository & controller to handle HTTP GET request and get service data	As a customer, I want to check for all available services, so that I can pick the one that I need easily	Finished	Yes
16.2	Add function to front-end and send request to server		Finished	Yes
16.3	Write unit test		Finished	Yes
17.1	Add function to front-end and send request to server	As a customer, I want to make a booking, so that it can be added to my list of booked services	Finished	Yes
17.2	Implement back-end function to handle the booking request		Finished	Yes
17.3	Write unit test		Finished	Yes
23.1	Implement back-end including service, repository & controller to handle HTTP GET request and get booking details data	As a customer, I want to be able to see appointment details so that I can remind of the information	Finished	Yes
23.2	Add function to front-end and send request to server		Finished	Yes
23.3	Write unit test		Finished	Yes
24.1	Implement back-end including service, repository & controller to handle HTTP GET request and get list of current bookings	As a customer, I want to be able to view all my current bookings, so that i can select which ones to keep/cancel	Finished	Yes
24.2	Add function to front-end and send request to server		Finished	Yes
24.3	Write unit test		Finished	Yes
25.1	Implement back-end including service, repository & controller to handle HTTP GET request and get past bookings data	As a customer, I want to go through my history bookings so that I can reschedule the one that I have missed	Finished	Yes
25.2	Add function to front-end and send request to server		Finished	Yes
25.3	Write unit test		Finished	Yes
26.1	Implement back-end including	As a customer, I	Finished	Yes

	service, repository & controller to handle HTTP GET request and get past booking's details	want to remind myself of the workers who provided the service in my last booking, so that I can book him again for the next time		
26.2	Add function to front-end and send request to server		Finished	Yes
26.3	Write unit test		Finished	Yes

Screenshots of Clickup for Sprint 1:

Sprint 1 NEW TASK SHOW CLOSED								
DONE	26 TASKS	PBI ITEM	ASSIGNEE	STATUS	PROGRESS			
	Implement back-end including service, repository and controller to handle HTTP GET request and get booking details data display customer's current bookings id: 23.1	As a customer, I want to be...	HL	DONE	100%			
	Implement back-end including service, repository and controller to handle HTTP GET request and get list of current bookings display customer's current bookings id: 24.1	As a customer, I want to be...	HL	DONE	100%			
	Implement back-end including service, repository and controller to handle HTTP GET request and get past booking's details display customer's past bookings id: 26.1	As a customer, I want to...	HL	DONE	100%			
	Implement back-end including service, repository and controller to handle HTTP GET request and get past bookings data display customer's past bookings id: 25.1	As a customer, I want to go...	HL	DONE	100%			
	Setup database and model for the back-end id: 35	-		DONE	100%			
	Implement back-end including service, repository and controller to handle HTTP GET request and get service data customer checks details id: 16.1	As a customer, I want to...	WB	DONE	100%			
	Implement back-end including service, repository and controller to handle HTTP GET request and get session data customer checks details id: 14.1	As a customer, I want to be...	WB	DONE	100%			
	Implement back-end including service, repository and controller to handle HTTP GET request and get worker data customer checks details id: 15.1	As a customer, I want to be...	WB	DONE	100%			
	Write unit test customer booking id: 17.3	As a customer, I want to ma...	VB	DONE	100%			
	Implement back-end function to handle the booking request customer booking id: 17.2	As a customer, I want to ma...	WB	DONE	100%			
	Add function to front-end and send request to server display customer's current bookings id: 24.2	As a customer, I want to be...	CK	DONE	100%			
	Add function to front-end and send request to server display customer's current bookings id: 23.2	As a customer, I want to be...	CK	DONE	100%			
	Add function to front-end and send request to server display customer's past bookings id: 26.2	As a customer, I want to...	CK	DONE	100%			

DONE	26 TASKS	PBI ITEM	ASSIGNEE	STATUS	PROGRESS			
	Write unit test customer booking id: 17.3	As a customer, I want to ma...	VB	DONE	100%			
	Implement back-end function to handle the booking request customer booking id: 17.2	As a customer, I want to ma...	WB	DONE	100%			
	Add function to front-end and send request to server display customer's current bookings id: 24.2	As a customer, I want to be...	CK	DONE	100%			
	Add function to front-end and send request to server display customer's current bookings id: 23.2	As a customer, I want to be...	CK	DONE	100%			
	Add function to front-end and send request to server display customer's past bookings id: 26.2	As a customer, I want to...	CK	DONE	100%			
	Add function to front-end and send request to server display customer's past bookings id: 25.2	As a customer, I want to go...	CK	DONE	100%			
	Add function to front-end and send request to server customer booking id: 17.1	As a customer, I want to ma...	HL	DONE	100%			
	Add function to front-end and send request to server customer checks details id: 16.2	As a customer, I want to...	HL	DONE	100%			
	Write unit test display customer's current bookings id: 24.3	As a customer, I want to be...	VB	DONE	100%			
	Write unit test display customer's past bookings id: 26.3	As a customer, I want to...	VB	DONE	100%			
	Write unit test display customer's past bookings id: 25.3	As a customer, I want to go...	VB	DONE	100%			
	Add function to front-end and send request to server customer checks details id: 15.2	As a customer, I want to be...	HL	DONE	100%			
	Add function to front-end and send request to server customer checks details id: 14.2	As a customer, I want to be...	HL	DONE	100%			
	Design mock-up user interface for the whole website id: 36	-		DONE	100%			
	Write unit test customer checks details id: 16.3	As a customer, I want to...	VB	DONE	100%			
	Write unit test customer checks details id: 14.3	As a customer, I want to be...	VB	DONE	100%			
	Write unit test customer checks details id: 15.3	As a customer, I want to be...	VB	DONE	100%			
	Write unit test display customer's current bookings id: 23.3	As a customer, I want to be...	VB	DONE	100%			

Screenshot for product backlog update:

Product backlog

+ NEW TASK

SHOW CLOSED

		ASSIGNEE	PRIORITY	STATUS	SCRUM POINTS	
<div>DONE8 TASKS</div>						
	As a customer, I want to be able to view all my current bookings, so that i can select which ones to keep/cancel	CK	High	DONE	2	
	display customer's current bookings id: 24					
	As a customer, I want to be able to see appointment details so that I can remind of the information	VV	High	DONE	2	
	display customer's current bookings id: 23					
	As a customer, I want to be able to see available appointment sessions so that I can schedule my time efficiently	VV	Medium	DONE	2	
	customer checks details id: 14					
	As a customer I want to be able to see whos providing the service so that I can book an appointment with the right person	CK	Medium	DONE	2	
	customer checks details id: 15					
	As a customer, I want to check for all available services, so that I can pick the one that I need easily	HL	Medium	DONE	2	
	customer checks details id: 16					
	As a customer, I want to make a booking, so that it can be added to my list of booked services	HL	Medium	DONE	3	
	customer booking id: 17					
	As a customer, I want to go through my history bookings so that I can reschedule the one that I have missed	HL	High	DONE	3	
	display customer's past bookings id: 25					
	As a customer, I want to remind myself of the workers who provided the service in my last booking, so that I can book him again for the next time	HL	High	DONE	3	
	display customer's past bookings id: 26					
<div>+ New task</div>						
<div>INPROGRESS4 TASKS</div>						
	As an admin, I want to be able to create new session times so that the customer has more choices in which session they want to attend	CK	Medium	INPROGRESS	8	
	admin edits session times id: 06					

Screenshots

This is our homepage with the login function and about us information, the buttons on the navigation bar are all hidden.

Booking System

SEPT/9.MON-15.30-2

Team Members:

- Bossen, William (s3658961)
- Kourn, Chhayhy (s3699618)
- Le, Hue Phuong (s3687477)
- Leng, Meng Kheang (s3704080)
- Villaflores, Vincent (s3728807)

Username

admin1

Password

.....

Login

Don't have an account? [Register here](#)

By entering the link “localhost:3000/customerhomepage”, the system redirects to the customer homepage with 5 items in the navigation bar: “New Booking”, “View Current Booking”, “Booking History”, “Account” and “Logout”. For the body, a jumbotron displays the team’s details and some cards.

Booking System

New Bookings

View Current Bookings

Booking History


Account

Logout

SEPT/9.MON-15.30-2


Team Members:

- Bossen, William (s3658961)
- Kourn, Chhayhy (s3699618)
- Le, Hue Phuong (s3687477)
- Leng, Meng Kheang (s3704080)
- Villaflores, Vincent (s3728807)



New Booking

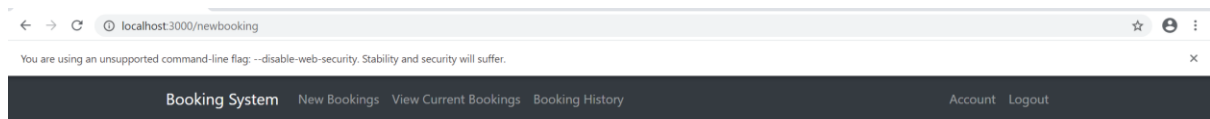
New Booking



View Current Booking

View Current Booking

Once users click on the “New Booking” item, they are redirected to a new page to make an appointment. Firstly, when they pick a service, the workers will be filtered accordingly.



Create New Booking

Select Service and Worker

Service

Haircut

Staff

Choose Staff

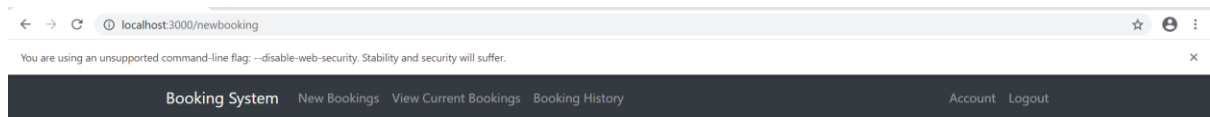
Choose Staff

John Smith

Michael Lee

Submit

Once both service and worker is picked, available sessions are displayed according to the data from the server.



Create New Booking

Select Service and Worker

Service

Haircut

Staff

John Smith

Sessions

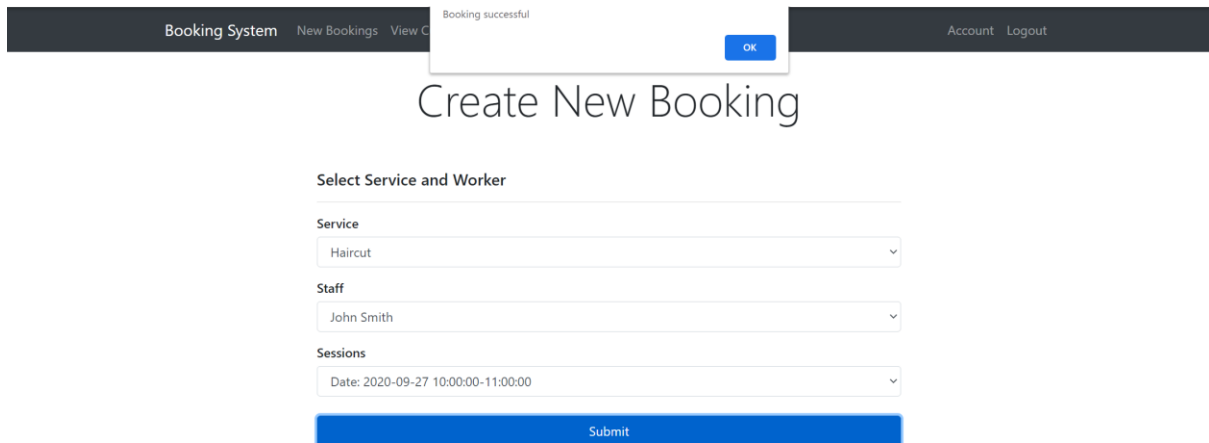
Choose Session

Choose Session

Date: 2020-09-27 10:00:00-11:00:00

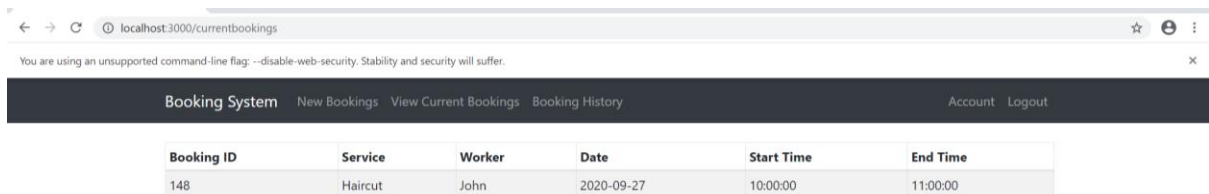
Date: 2020-09-27 09:00:00-12:00:00

After everything is selected and the customer clicks on the “Submit” button, a successful message will pop up to alert he/she that a new booking has been made successfully.



The screenshot shows a web application interface for creating a new booking. At the top, there is a dark navigation bar with links: "Booking System", "New Bookings", "View C...", "Account", and "Logout". A success message "Booking successful" is displayed in a white box with an "OK" button. Below this, the main heading is "Create New Booking". The form is titled "Select Service and Worker" and contains three dropdown menus: "Service" (selected: Haircut), "Staff" (selected: John Smith), and "Sessions" (selected: Date: 2020-09-27 10:00:00-11:00:00). A blue "Submit" button is at the bottom of the form.

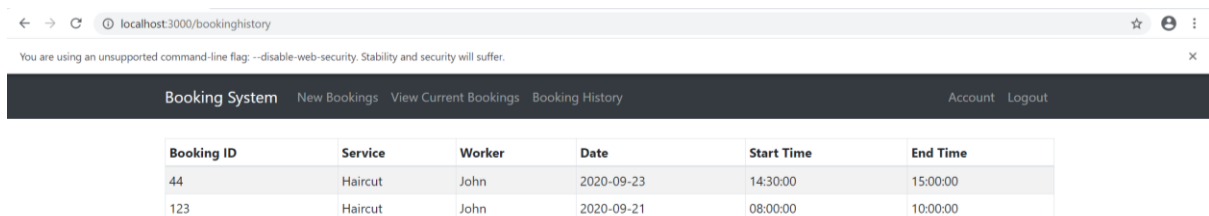
When clicking on the close button, the system will redirect to the “View Current Bookings” page where all bookings with “NEW_BOOKING” status are displayed. The NEW_BOOKING status is for all bookings whose date and time is not in the past and not being cancelled.



The screenshot shows the "View Current Bookings" page. The navigation bar includes "Booking System", "New Bookings", "View Current Bookings", "Booking History", "Account", and "Logout". A table displays the current bookings:

Booking ID	Service	Worker	Date	Start Time	End Time
148	Haircut	John	2020-09-27	10:00:00	11:00:00

In case the booking does pass the current date or is cancelled, then the booking status is updated in the database which will appear on the “Booking History” page.

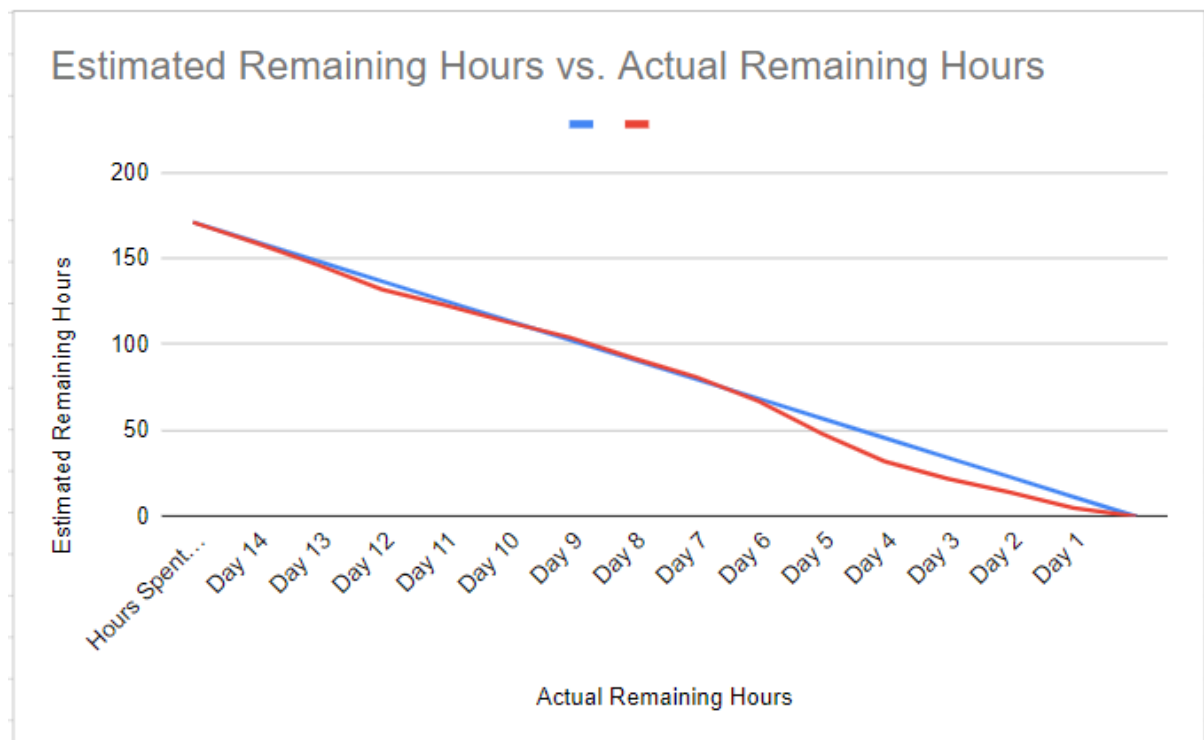


The screenshot shows the "Booking History" page. The navigation bar includes "Booking System", "New Bookings", "View Current Bookings", "Booking History", "Account", and "Logout". A table displays the booking history:

Booking ID	Service	Worker	Date	Start Time	End Time
44	Haircut	John	2020-09-23	14:30:00	15:00:00
123	Haircut	John	2020-09-21	08:00:00	10:00:00

Sprint Statistics

Task	Start Hours	Hours Spent (Day 1)	Day 14	Day 13	Day 12	Day 11	Day 10	Day 9	Day 8	Day 7	Day 6	Day 5	Day 4	Day 3	Day 2	Day 1	Total Hours
35	8	3	2	3	0	0	0	0	0	0	0	0	0	0	0	0	8
36	11	0	4	1	3	2	1	0	0	0	0	0	0	0	0	0	11
14.1	5	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	5
14.2	6	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	6
14.3	5	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	5
15.1	5	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	5
15.2	6	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	6
15.3	5	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5
16.1	5	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	5
16.2	6	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6
16.3	5	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	5
17.1	8	0	0	0	0	0	0	0	0	0	0	0	4	2	2	0	8
17.2	10	0	0	0	0	0	0	0	0	0	0	3	4	3	0	0	10
17.3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
23.1	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23.2	6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6
23.3	5	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	5
24.1	5	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
24.2	6	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	6
24.3	5	0	0	0	0	0	0	2	1	2	0	0	0	0	0	0	5
25.1	8	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	8
25.2	10	0	0	0	0	0	3	1	3	2	1	0	0	0	0	0	10
25.3	6	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	6
26.1	8	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	8
26.2	10	0	0	0	0	0	0	0	0	0	3	2	2	3	0	0	10
26.3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	6
Actual Remaining Hours	171	159	146	132	123	113	104	92	81	67	48	32	22	14	5	0	171
Estimated Remaining Hours	171	159.6	148.2	136.8	125.4	114	102.6	91.2	79.8	68.4	57	45.6	34.2	22.8	11.4	0	



In the burndown chart, the sprints last for 15 days with a total amount of 171 hours for 26 tasks. The red line in the chart is the prediction of estimated completion time and the blue line represents actual progress being achieved by the team. As we can see from the chart,

the team performed exceptionally well over the period, especially at the end of the progress and met the deadline on time.

The burndown velocity is calculated by dividing the available hours by the number of days, the estimated time working for each day is 11.4 hours. The data is captured daily starting with 171 hours in total, then 159 hours left at the end of the first day, 146 hours left at the end of the second day, etc. The actual effort line is the sum of all estimated time remaining at the end of each day.