
Milestone Two

Sprint Two

Software Engineering: Processes and Tools

Sprint Review

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Sprint: 2

Date: 21/09/2020

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Sprint Goals:

The main aim of this second sprint was to add all the functionality to the admin page, where they were able to add more times for the employee's availability. Another main functionality was the ability for the user to book available shifts and the employee that is available for that shift, then remove the shift from the list of available free shifts.

Status Overview:

The calendar functionality required an intermediate level of skill. The implementation required the user to first select a single service from a drop down on the home page. This would then display the available shifts on their allocated days on the calendar. Each shift carried an individual employee, so picking that shift would allocate the employee to the shift. When selected, the shift would highlight, and the user would be prompted to input their name and username before selecting book. This would then make the booking unavailable for other users and also add this booking to the list of booked services for that particular user. This is seen from figure 1 – 4 below.

Other functionality implemented within the first sprint was present in the "About page", where step by step instructions on how to book a service was made available (with pictures) to instruct new users on how to use the website's main functionality.

The next section of the sprint was to add functionality with the admin, where they were able to add more shifts for the employee to the service.

Figure 1-4: Steps for booking a service

Figure 1

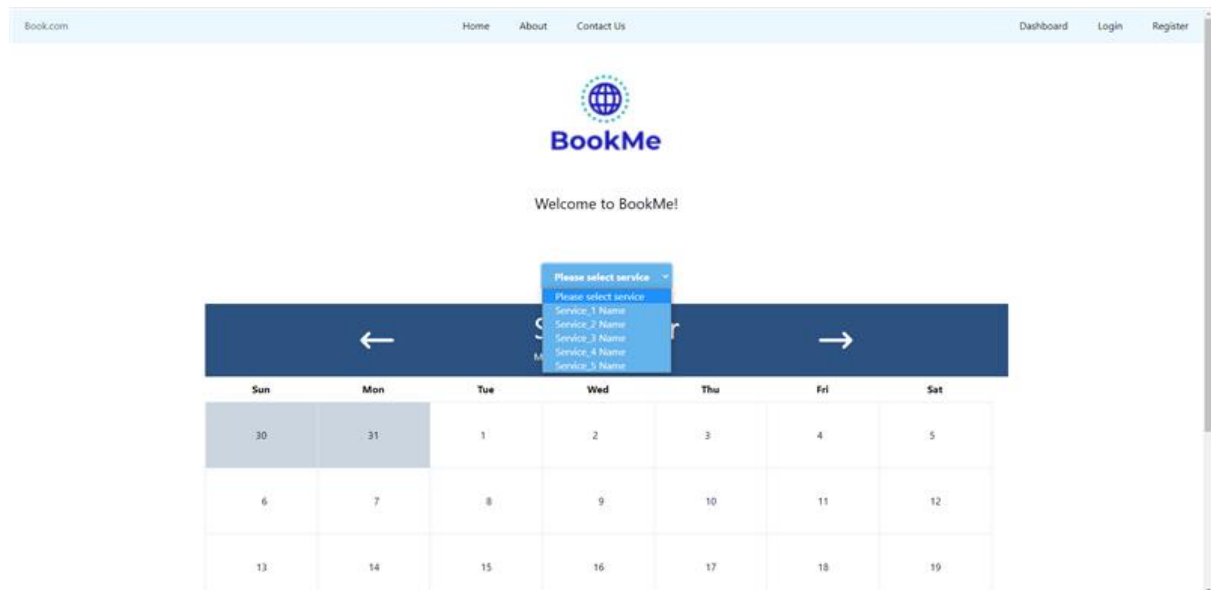


Figure 2

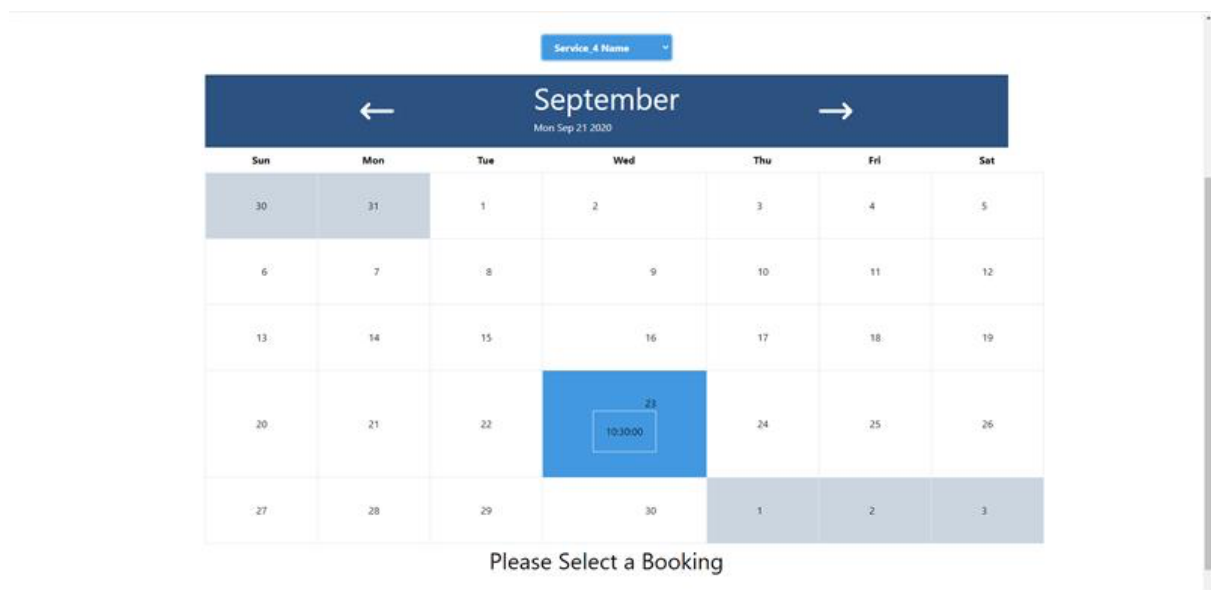


Figure 3

30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23 10:30:00	24	25	26
27	28	29	30	1	2	3

Book Service
 Booking ID: 1
 Service ID: 4
 Employee Name: janeDoe
 Date: 2020-09-23
 Booking Time: 10:30:00

FULL NAME: USERNAME:

Figure 4

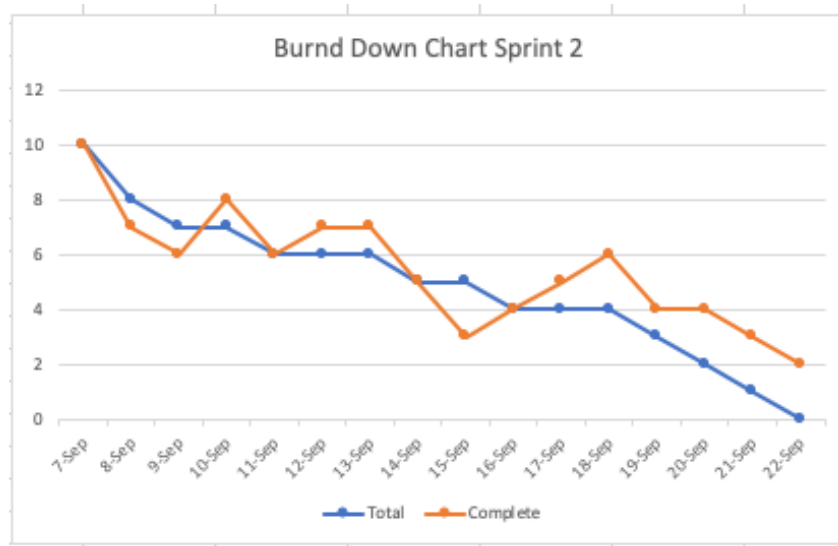
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23 10:30:00	24	25	26
27	28	29	30	1	2	3

Book Service
 Booking ID: 1
 Service ID: 4
 Employee Name: janeDoe
 Date: 2020-09-23
 Booking Time: 10:30:00

FULL NAME: USERNAME:

Booking filled, and consequent bookings removed!

Sprint Statistics:



The sprint was completed at a steady pace. A significant portion of the end of the sprint was understanding the docker and deployment instructions for the website as there were a few difficulties surrounding it. The implementation of the calendar booking feature had an initial steep learning curve but was easy to complete once all aspects were understood.