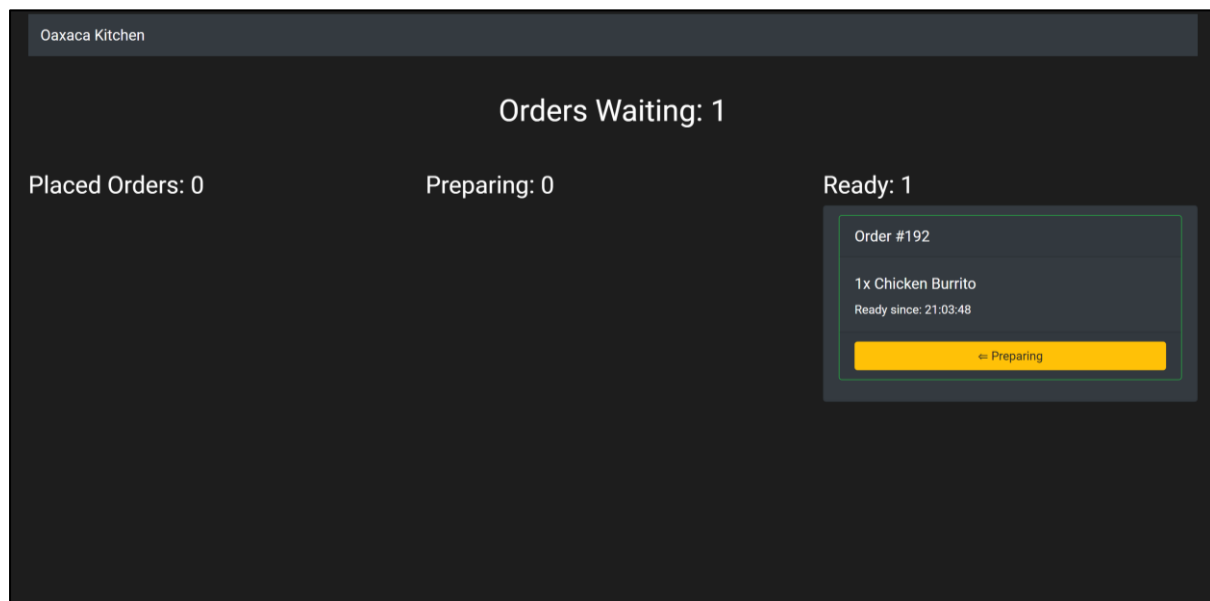


TEST 2 (Using POSTMAN)

Test - Updating the state of an order in kitchen using POST method from 'OrderUpdate' endpoint

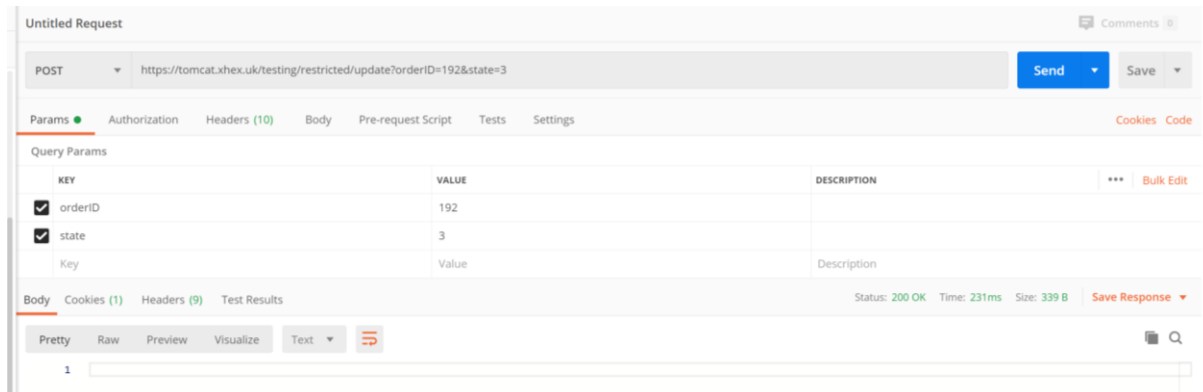
Within this endpoint, there is a POST method which updates the state of an order in the kitchen queue. There are 4 different states, which are 0 for order confirmed, 1 for order preparing, 2 for order ready and 3 for order served. In this test I will be demonstrating the use of changing the state to 3 from any other state below this value. Doing this is showing that the order is set as ready by the kitchen and sent to the customer, in which the waiter will also receive a notification that the order is ready to be served.



orde...	1	table_num	time_ordered	order_confirmed	order_preparing	order_ready	order_served	order_cancelled
160	1	1584047479802	1584047560716	0	0	1		
161	7	1584047612025	1584047615347	0	0	1		
162	6	1584093400928	0	0	0	1		
163	6	1584093675098	0	0	0	1		
164	6	1584094566980	1584094571221	0	0	1		
165	6	1584094787036	0	0	0	0		
166	1	1584094894823	1584094944841	1585078580336	1585079232034	1585084829010		
167	1	1584094910957	1584094947531	1585078570164	1585080928772	1585084265724		
168	8	1584725043685	0	0	0	0		
169	3	1584898378777	0	0	0	0		
170	2	1584898405160	0	0	0	0		
171	4	1584908620182	0	0	0	0		
172	5	1584908825339	0	0	0	0		
173	2	1584911043563	0	0	0	0		
174	5	1584911616731	0	0	0	0		
175	2	1584966293028	0	0	0	0		
176	2	1584966305491	0	0	0	0		
177	7	1585067421927	0	0	0	0		
178	3	1585069020626	0	0	0	0		
179	8	1585069050914	0	0	0	0		
180	6	1585069083624	1585069100332	1585671907658	1585671908307	1585671943524		
181	6	1585069115122	1585069123101	1585078569012	1585078576590	1585081058830		
182	6	1585069736434	1585069748829	1585076383076	1585076383803	1585084278039		
183	4	1585077550177	0	0	0	0		
184	5	1585077591480	0	0	0	0		
185	3	1585077647084	0	0	0	0		
186	7	1585078459246	0	0	0	0		
187	6	1585079092213	1585079133702	1585081425969	1585081429122	1585081431993		
188	6	1585084343787	1585084573080	1585084813280	1585084818837	1585671955345		
189	4	1585684799498	0	0	0	0		
190	3	1585684812103	0	0	0	0		
191	7	1585684867270	0	0	0	0		
192	5	1585684990009	1585685013547	1585685027022	1585685028593	0		

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Here are screenshots showing that order number 192 is in state 2 which is the 'Ready' section of the kitchen queue. Also you can see from the database, the highlighted row, that this order has a value of 0 for 'order_served'. This is because the order hasn't reached state 3, which can be done by clicking on served on the order from the kitchen. However, to test the endpoint we are going to use Postman to show this happening.

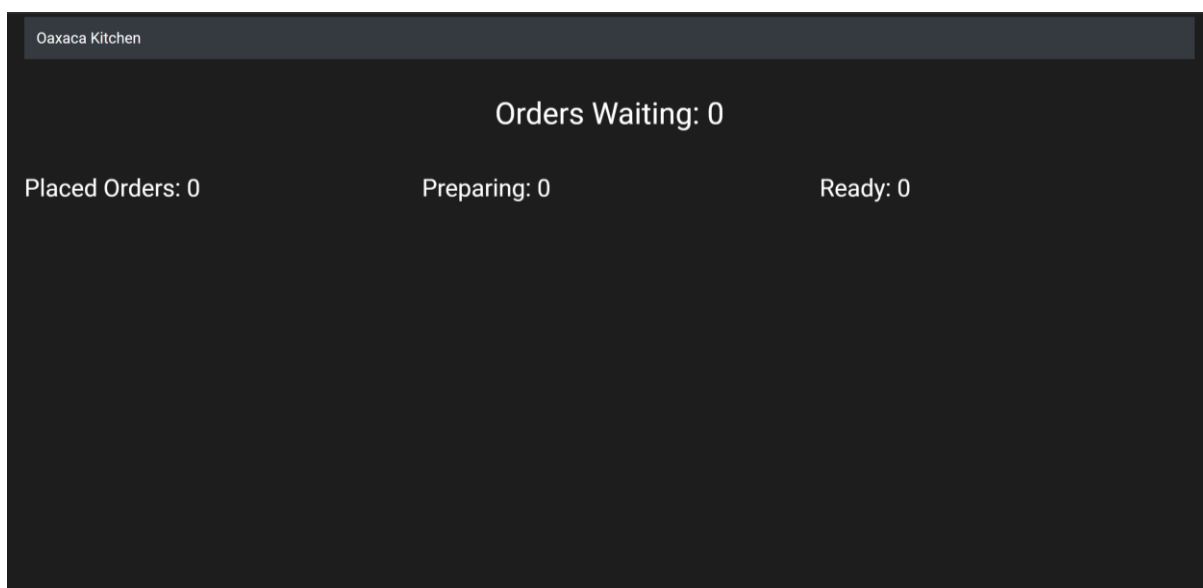


To begin with I selected POST as the request type, then the URL 'https://tomcat.xhex.uk/testing/restricted/update' which tests the endpoint 'OrderUpdate'. To use the POST method, I would have to insert two parameters orderId and state. From the kitchen view we can see that the order ID is 192 and we want the state to become 3. This can be done with any order if there are multiple and we can move the order between the different states, and it will become evident from the kitchen menu on the application. When I send the request, nothing is outputted to Postman, however the changes have been made.

Expected

From this test I expect the state to successfully change from 2 to 3, which removes it from the kitchen queue screen. Also I expect the database to be updated with a randomised value indicating the order has been served.

Result



	orde...	1	table_num	time_ordered	order_confirmed	order_preparing	order_ready	order_served	order_cancelled
76		160	1	1584047479802	1584047560716	0	0	1	
77		161	7	1584047612025	1584047615347	0	0	1	
78		162	6	1584093400928	0	0	0	1	
79		163	6	1584093675098	0	0	0	1	
80		164	6	1584094566980	1584094571221	0	0	1	
81		165	6	1584094787036	0	0	0	0	
82		166	1	1584094894823	1584094944841	1585078580336	1585079232034	1585084829010	
83		167	1	1584094910957	1584094947531	1585078570164	1585080928772	1585084265724	
84		168	8	1584725043685	0	0	0	0	
85		169	3	1584898378777	0	0	0	0	
86		170	2	1584898405160	0	0	0	0	
87		171	4	1584908620182	0	0	0	0	
88		172	5	1584908825339	0	0	0	0	
89		173	2	1584911043563	0	0	0	0	
90		174	5	1584911616731	0	0	0	0	
91		175	2	1584966293028	0	0	0	0	
92		176	2	1584966305491	0	0	0	0	
93		177	7	1585067421927	0	0	0	0	
94		178	3	1585069020626	0	0	0	0	
95		179	8	1585069050914	0	0	0	0	
96		180	6	1585069083624	1585069100332	1585671907658	1585671908307	1585671943524	
97		181	6	1585069115122	1585069123101	1585078569012	1585078576590	1585081058830	
98		182	6	1585069736434	1585069748829	1585076383076	1585076383803	1585084278039	
99		183	4	1585077550177	0	0	0	0	
100		184	5	1585077591480	0	0	0	0	
101		185	3	1585077647084	0	0	0	0	
102		186	7	1585078459246	0	0	0	0	
103		187	6	1585079092213	1585079133702	1585081425960	1585081429122	1585081431993	
104		188	6	1585084343787	1585084573080	1585084813280	1585084818837	1585671955345	
105		189	4	1585684799498	0	0	0	0	
106		190	3	1585684812103	0	0	0	0	
107		191	7	1585684867270	0	0	0	0	
108		192	5	1585684990009	1585685013547	1585691408769	1585691429078	1585696055770	

As a result of changing the state, the order has been moved from the kitchen menu screen as it has been 'Served' to the customer by the waiter as the product describes. To prove this, the database screenshot shows that for the same order, 192, which is highlighted has a new value for the 'Order_Served' column. This confirms the test of the endpoint which has passed.