

## COMP9321- Assignment 1 Marking Scheme

<b>Student Name/Id:</b>	<b>Examiner:</b>	<b>Total: 10 Marks</b>			
<b>Submission</b>		Y	N		
Is this late submission? (if 'yes', 20% (per day late) penalty off the final mark you receive)					
<b>API implementation (Functional/Design Aspects of your Solution) : 9 Marks</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<ul style="list-style-type: none"> <li><b>(6 marks)</b> All required HTTP methods on the resources are designed and implemented as expected (stateless API interactions, all operations perform proper checks to ensure that the scenario can be correctly supported) –                             <ul style="list-style-type: none"> <li>Creating Order</li> <li>Getting Order Details</li> <li>Getting List of all Open Orders</li> <li>Amending Order                                     <ul style="list-style-type: none"> <li>The cashier can change the order details (Only before payment and barista's status update)</li> <li>The barista can change the status of the order</li> </ul> </li> <li>Cancelling Order (Only before payment)</li> <li>Getting Orders List</li> <li>Creating a Payment</li> <li>Getting Payment Details for an Order</li> </ul> </li> <li><b>(1 mark)</b> The URL patterns are identified and implemented. Good naming convention is followed. Appropriate HTTP Verbs (GET,POST,PUT,PATCH,DELETE) have been employed.</li> <li><b>(0.5 mark)</b> The link between coffee order and payment is established per spec.</li> <li><b>(0.5 mark)</b> The resources are identified, and their <b>attributes</b> are adequate                             <ul style="list-style-type: none"> <li>Payment: Amount, PaymentType (cash,card), Card number*, Expire Date*, Name*</li> <li>Order: type of coffee, cost, *additions (e.g. skim milk, extra shot), status** (paid, being made by barista)</li> </ul> </li> <li><b>(1 mark)</b> APIs return appropriate messages when it faces errors like <b>inappropriate inputs, missing required parameters</b>, or when it faces any <b>exceptions</b></li> </ul>					
<b>API implementation (Non Functional Aspects of your Solution): 1 Mark</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<ul style="list-style-type: none"> <li><b>(0.5 mark)</b> Did the submission run without any problem?</li> <li><b>(0.5 mark)</b> Did the submission include a good documentation?</li> </ul>					
<b>REMARKS:</b>					
<b>Total Mark:</b> /10					

**A:** The outcome is of high quality and no errors    **B:** the outcome is of average quality with a few minor errors or one major error    **C:** the outcome is poor    **D:** not implemented, or does not run – not being able to assess

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\* optional parameters which the APIs must support

\*\* there is another state for the order when it is released, but instead we want to delete the order from the list; so, it is not necessary to store such a status