Requirements Specifications

Team Number:	1
Project Name:	ClassDASH
Analysts:	Zikai Hao, Pengfei Li, Shivani Ram
Clients:	Coby Lam, Emile Keruzore

I. Functional Requirements		**M**	**S**	**C**	**W**
Basic Food Ordering					
1.1	All users can order food on their mobile application			X	
1.2	User must be able to navigate the restaurant/food providers' menu	X			
1.3	Food orders can be canceled if not under preparation			X	
1.4	Users can leave a note in regards to any food allergies, preferences or customize options for a selected item(eg: burger, no cheese, no lettuce, extra sauce)			X	
1.5	User must be able to create an account	X			
1.6	User must be able to navigate the restaurant/food providers' menu	X			
1.7	User should be able to have a browsing section with all the foods available and time restrictions on the menu		X		
1.8	The client will be able to review their order before confirming	X			
Payment Related					
2.1	All users can pay for their food throughout our ONECard system	X			
2.2	Users are able to pay for their food using credit cards	X			
2.3	Users will create a system account to log in/manage their account and payments		X		
2.4	Clients should be able to order using debit, credit, or OnNEard		X		
Ordering Assistant Functions					
3.1	The application supports users' friends picking their order			X	

I. Functional Requirements		M	S	C	W
3.2	The application provides an embedded map function to help users get to the pick-up location.				X
3.3	An order through the app will have a unique identifier to ensure the right client receives their order (order ID)	X			
3.4	The application should mark an order as having been processed and remove it from the list of active orders		X		
3.5	The application should retrieve new orders from the database		X		
3.6	The application should alert food service workers when a packed order has been sitting too long and poses a risk		X		
Food Service-side Functions					
4.1	The system will have a food service facing side that displays the orders (and the order ID) in a queue for workers	X			

II. Non-Functional Requirements		M	S	C	W
Function Performance					
1.1	The application should have a minimum buffering time to ensure smooth user interactions		X		
1.2	The application must be clean and simple looking design for easy navigation	X			
1.3	The system should offer a faster ordering process than standing in line at peak hours		X		
1.4	The system's client- and worker- facing sides should both be responsive and perform at similar speeds.		X		
Safety Related					
2.1	The system should encrypted users' personal information and financial transactions in AES standard		X		
2.2	The app should pass basic security tests when transmitting information to and from application and databases			X	

II. Non-Functional Requirements		M	S	C	W
Format Related					
3.1	The application interfaces only support English and French			X	
3.2	System should follow the BC-standard electronic receipt and push that to the application				X
3.3	The food pick-up confirmation should based on a QR-code system		X		
3.4	The format of time counting for food preparation will be a 24-hour system			X	
3.5	All currencies in the payment processes must be calculated in Canadian dollar	X			
System Standard					
4.1	The system should be accessible on both Android and iOS mobile systems		X		
4.2	Application programming language should be python for maintain purposes			X	