

### Scenario Table: Add to Cart Activity

#	SUBJECT	ACTION ON SUBJECT	OTHER DATA/ OBJECTS	OBJECT ACTED UPON
1	View Inventory GUI	Add item to the cart in the System	Item Quantity	CartDetailsActivity Controller
1.1	CartDetailsActivity Controller	Create	-	MSG
1.2	for each item quantity field			
1.2.1	CartDetailsActivity Controller	Sent Information to the DB Mgr	Item Quantity	DB Mgr
1.2.2	DB Mgr	Checks item's buy_quantity against available_quantity	Item Quantity	CartDetailsActivity Controller
1.2.3	if(drinks_buy_quantity > drinks_available_quantity)			
1.2.3.1	CartDetailsActivityController	Append	"Please add drinks less than available quantity"	MSG
1.2.4	else			
1.2.4.1	CartDetailsActivityController	Insert drinks_buy_quantity in DB	Item Quantity	DB Mgr
1.2.4.2	CartDetailsActivityController	Append	"Drinks successfully added"	MSG
1.2.5	if(snacks_buy_quantity > snacks_available_quantity)			
1.2.5.1	CartDetailsActivityController	Append	"Please add snacks less than available quantity"	MSG
1.2.6	else			
1.2.6.1	CartDetailsActivityController	Insert snacks_buy_quantity in DB	Item Quantity	DB Mgr
1.2.6.2	CartDetailsActivityController	Append	"Snacks successfully added"	MSG
1.2.7	if(sandwiches_buy_quantity > sandwiches_available_quantity)			
1.2.7.1	CartDetailsActivityController	Append	"Please add sandwiches less than available quantity"	MSG
1.2.8	else			
1.2.8.1	CartDetailsActivityController	Insert sandwiches_buy_quantity in DB	Item Quantity	DB Mgr
1.2.8.2	CartDetailsActivityController	Append	"Sandwiches successfully added"	MSG
1.3	CartDetailsActivityController	Returns	MSG	View Inventory GUI
1.4	View Inventory GUI	Display Item added msg		