Online Pizza Ordering System

<Requirements Document(IEEE-830 style)>

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Identifier	Priority	Requirement	F/NF
REQ-1	1	The system should show menus of pizzas in the first page	F
REQ-2	3	The system shall show size, price by size, name with menus.	F
REQ-3	1	The system should display "go to cart", "login"/"logout" buttons on every pages	F
REQ-4	5	The system shall provide allergy information for every menu.	F
REQ-5	5	The system shall allow an orderer to choose toppings and size option when an item of pizza menu is clicked.	F
REQ-6	3	The system should allow orderer to type additional comments before completing order.	F
REQ-7	5	The system shall be able to put items in the cart with options(size, topping, side menu, ...).	F
REQ-8	4	The system shall allow an orderer to remove item in the cart.	F
REQ-9	5	The system shall allow an orderer to order a list of items in the cart.	F
REQ-10	4	The system shall allow an orderer to choose receiving options("take out", "delivery", "offline").	F
REQ-11	4	The system shall allow an orderer to choose payment methods("online", "offline")	F
REQ-12	4	The system shall receive card number when an orderer selects "online payment"	F
REQ-13	1	The system should ask if an orderer wants to go to cart page after adding item to cart	F
REQ-14	3	The system should allow an orderer to go to individual menu page of an item in the cart page.	F
REQ-15	3	The system should allow an orderer to move to order decision from shopping cart page.	F
REQ-16	3	The system shall make the order page accessible only from the shopping cart page.	NF
REQ-17	2	The system should alert a notification saying, "If you are not logged in, you will proceed as a non-member.", before entering the order decision stage.	NF
REQ-18	1	The system should append items added before the orderer logs in to the orderer's cart	F
REQ-19	2	The system should give an Order ID to the orderer when ordering is completed.	F
REQ-20	1	The system shall allow orderers to check their own order list.	F
REQ-21	5	The system shall not accept orders outside of the opening	NF

		hours	
REQ-22	1	The system should allow an orderer to change address before ordering.	F
REQ-23	1	The system should take address from stored user information in DB during the order decision phase, if orderer is logged in	F
REQ-24	4	The system shall allow an orderer to type address if "delivery" option choosen.	F
REQ-25	1	The system should allow an orderer to cancel or change the order before "order accepted".	F
REQ-26	1	The system should allow an orderer to adjust the quantity of pizza in the cart	F
REQ-27	4	The system should shows all items in the cart.	F
REQ-28	3	The System should allow an orderer to move to the order decision stage only if there is more than one in orderer's cart.	NF
REQ-29	1	The system should allow selecting view options(by arbitrary period, by pizza) on "sales breakdown".	F
REQ-30	5	The system shall allow access to admin page where "open switch", "menu management", "sales breakdown", "member management" are shown through manager account.	F
REQ-31	5	The system shall allow manager to open/close store by switch.	F
REQ-32	2	The system shall display total menu list first on "menu management".	F
REQ-33	2	The system shall display total member list first on "member management".	F
REQ-34	1	The system should allow selecting view option(by role) of member list on "member management"	F
REQ-35	3	The system shall allow viewing, adding, editing, deleting pizza menus on "menu management"	F
REQ-36	3	The system shall allow viewing pizza sales list and revenue on "sales breakdown"	F
REQ-37	3	The system shall allow viewing, adding, editing, deleting members on "member management".	F
REQ-38	2	The system shall allow adding privileged-member only on "member management.	NF
REQ-39	3	The system should allow an orderer to create an user account by receiving phone number, address, email, id, password, name.	F
REQ-40	3	The system shall provide a signup page.	F

REQ-41	2	The system should provide a page to find ID using its email.	F
REQ-42	2	The system should provide a page to send resetted PW using its ID and email.	F
REQ-43	1	The system should redirect to management page when logged as manager.	F
REQ-44	1	The system should redirect to order status page when logged as clerk.	F
REQ-45	2	The system shall allow users to be granted only when they have appropriate authorities.	NF
REQ-46	4	The system shall allow an orderer to track status("ordered", "canceled", "order accepted", "order rejected", "cook completed", "served", "delivering", "delivery completed", "invalid") by using the Order ID.	F
REQ-48	1	The system should maintain only one managmer account.	NF
REQ-49	2	The system shall maintain a history log of all orders.	NF
REQ-50	3	The system shall be shut down if essential information is absent before starting the system.	NF
REQ-51	3	The system should restrict to create orderer account via signup.	NF
REQ-52	4	The system shall allow an orderer to order new pizza both as a member or non-member.	NF
REQ-53	5	The system shall allow an orderer to see status("ordered" as "cooking", "cook completed") on a simple page.	F
REQ-54	5	The system should allow a clerk to change order's status from "ordered" to ("order accepted" or "order rejected").	F
REQ-55	5	The system should allow a clerk to change order's status from "order accepted" to "cook completed".	F
REQ-56	3	The system shall change the order status to "invalid" in an emergency by clerk.	F
REQ-57	5	The system should allow a delivery man and server to change order's status from "cook completed" to ("delivering" and "served").	F
REQ-58	5	The system should allow a delivery man to change order's status from "delivering" to "delivery completed".	F
REQ-59	1	The system should record the last time when order's status has changed.	NF
REQ-60	3	The system should return to the initial screen when the user logs out.	F

REQ-61	5	The system shall deny the access to user's info when the user logs out.	NF
REQ-62	3	The system should check that the password length is more than 8 characters.	NF
REQ-63	2	The system should check that the password contains at least one number, upper/lower case and special character.	NF
REQ-64	5	The system should maintain an unique user's ID and email.	NF
REQ-65	3	The system should provide user info page.	F
REQ-66	1	The system should get the password when the user try to enter user info page.	F
REQ-67	4	The system should allow password mistakes up to 5 times.	NF
REQ-68	4	The system shall encrypt and store orderer pw.	NF
REQ-69	2	The system should provide the page that "ordered completed" and "cook completed" can't rewrite(Readonly).	NF