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| FR. NO | Functional requirements | Component  (custom route handler will be used by modifying .htaccess ) | Comments |
|  | USER LOGIN | /login | The user should be able to log in to the system. |
|  | ORDERING CATERING ITEAMS | /item/order | It ought to be possible for the user of the system to place an order for the products. |
|  | SIGN UP | /sign-up | The software needs to come with a sign-up option. |
|  | ORDERING STATIONARY ITEAMS | /item/order | It is expected that users of the system would be able to place orders for stationary supplies. |
|  | BOOKING RESORT TICKETS | /resort/book | The user must have the ability to make reservations for resort tickets. |
|  | BOOKING BEAUTY SALON | /beauty-salon/book | It should be possible for users of the system to make appointments at the salon. |
|  | BOOKING FITNESS CENTER | /fitness-center/book | The system user should be able to make reservations at the nearby fitness facility. |
|  | BOOKING PARTY HALL | /party-hall/book | The system user needs to be able to make reservations at the banquet venue. |
|  | ADMIN USERNAME AND PASSWORD | /admin/login | The software should feature a space where the admin user's username and password may be entered manually or automatically assigned. |
|  | ADMIN DASHBOARD | /admin/dash | The system needs to be equipped with a dashboard for the admin, who will be in charge of using the system. |
|  | ADD ITEAM(Admin) | /admin/caterings  /admin/beauty\_salons  /admin/catering\_bookings  /admin/fitness\_centers  /admin/movie\_tickets  /admin/party\_halls  /admin/resorts  /admin/stationerys | The administrative user of the system has the ability to add things. |
|  | EDIT/DELETE (Admin) | /admin/caterings/{id}  /admin/beauty\_salons/{id}  /admin/catering\_bookings/{id}  /admin/fitness\_centers/{id}  /admin/movie\_tickets/{id}  /admin/party\_halls/{id}  /admin/resorts/{id}  /admin/stationerys/{id} | The administrative user of the system has the ability to make changes and remove things. |
|  | MAINTAIN MENU ITEM (admin) | /admin/menu | It is necessary for the admin user to have access to edit the menu items. |
|  | VOYAGER REGISTRATION (admin) | /voyager/register | The administrative user needs to have the ability to sign up the voyager. |
|  | MANAGER DASHBOARD | /manager | The system needs to be equipped with a management dashboard that serves as the location from where the management controls the system. |
|  | VIEW BOOKED RESORT-MOVIE TICKET (manager) | /resort/bookings | The resort's booking status must be shown to the management through the system. |
|  | VIEW BOOKED BEAUTY SALON (manager) | /beauty-salon/bookings | The booking status of the beauty salon should be shown to the management through the system. |
|  | VIEW BOOKED FITNESS CENTER (manager) | /fitness/bookings | The manager should be able to see the current booking status in the system for the fitness facility. |
|  | VIEW BOOKED PARTY HALL (manager) | /party-hall/bookings | The system needs to provide the management with information on the booking status of the party venue. |
|  | HEAD COOK DASHBOARD | /head-cook/ | The system needs to include a dashboard for the head chef that the cook may access to see the order that has been placed. |
|  | VIEW ORDERED CATERING ITEAMS (Head cook) | /catering-items/ | The head chef can see the things that have been requested. |
|  | SUPERVISOR DASHBOARD | /supervisor/ | The system needs to be equipped with a dashboard for supervisors, from which they may monitor the system. |
|  | VIEW ORDERED STATIONERY ITEAMS | /stationary/orders | The manager can examine the stationery goods that have been ordered. |

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| **NFR. no** | **Non-functional requirements** | **Components** | **Comments** |
|  | Performance | less steps | * A check will be made on the user's logged-in information within the first five seconds. * The results of queries have to be returned within five seconds. * It is required that the amount of time it takes for user interface displays to load not exceed three seconds |
|  | Reliability | good looking google font and good typo graphy | Specify the elements that need to be established to determine the required dependability of the software system when delivered. |
|  | Availability | web server | It is required that the system be accessible throughout the typical business hours of the cruise. |
|  | Security | md5 | It will be possible for cruise managers and customer service agents to access the core computer network of the facility. Both the Reservation/Booking and the Food sections will be available to the representatives working in the Customer Service department. It is anticipated that supervisors will have access to the Management, Reservation/Booking, and Food systems. To access the various subsystems, you will need to provide your login credentials. |
|  | Scalability | strong server, scalable code | The system should scale after its use of the system. |
|  | Usability | easy to use | The system should be made in such a way that the user of the system should be able to use it with a piece of basic knowledge. |

Fig no 2 Non-functional requirement traceability