**FUNCTIONAL REQUIREMENTS**

The main function of our system is create bookings for a restaurant. Booking can be done by RegisteredUser only. RegisteredUser must be logged in to his/her account to create a booking.When he/she logged in there will be a searching area in the homepage.In that area , RegisteredUser fills the form and makes a search. After searching , he/she sees the list of reasturants that can be booked by RegisteredUser.In that phase , there will be a filter field in the left of the page and RegisteredUser will be able to filter his/her searching. Then he/she chooses a restaurant from that list and after fills the booking form RegisteredUser will have a booking in that restaurant with informations that given by him. Also our system will give the opportunity of edit the bookings. When RegisteredUser wants change some informations (party size , time etc.) of his/her booking , he/she comes the edit booking page and changes the informations.RegisteredUsers can also cancel his/her booking.There will be a constraint about cancelling and editing of a booking.The time of the booking that will cancelled or editted must be at least 1 hour later of editting/cancelling time.RegisteredUser will be able to drop a review to the restaurant that he/she booked.Also RestaurantOwners can reply to the review of his/her restaurants. When RegisteredUser has a complaint , they can submit a request ticket to our admins. In that way , we can improve our website.

To create a booking , RegisteredUser must follow this steps (Login,Search,Filter…). As we mentioned before , booking can be done by RegisteredUser only. But some of the functions (searching,filtering a search...) that made by RegisteredUser to booking can be also done by Guest.

Booking is most significant function of our system and there should be also Restaurant profiles that will be booked. Restaurant profiles created by RestaurantOwner. RestaurantOwner signes up his restaurant to the system , gives some informations about his/her restaurant and waits for a booking.

RegisteredUsers and RestaurantOwners will communicate with each other in our system. Therefore, someone should manage and control the system. Our administrators stands for this duty. Like we said , administrators manages the system. They can ban/warn a RegisteredUser or RestaurantOwners if they noticed some wrong attitude. Also , when a RestaurantOwner registered to the system they can accept or decline this restaurant. We want to ensure a good service to our users. So , if any RestaurantOwner gives a missing or wrong information our administrators will not accept this restaurant.As we mentioned before , RegisteredUsers and RestaurantOwners can submit a request ticket.Our admins view and responds these tickets.

**NONFUNCTIONAL REQUIREMENTS**

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### **Usability** Any user who knows English can use our system. We made our system very clear.We will not want any unrelated informations from the user. Users can book for a restaurant (our main function) in just 3 clicks. So we can say that our system is easy to use.

### **Reliability** Our system must run 100% of time.So , our users can make a reservation at any time.

### **Performance** We don’t want our users to wait too long when they’re searching , booking , registering etc. Therefore our system must be able to react in at most 1 minute to the our users.

### **Implementation** We will use HTML , CSS , PHP and SQL programming languages for this system.