The terms used in the document are explained below:

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| **Acronym** | **Description** |
| RMA | Restaurant Mobile Application |
| RWA | Restaurant Web Application |
| RSA | Restaurant Super Admin |
| RM | Restaurant Manager |
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# **Access Control**

# **Roles**

These are the Roles for the Restaurant side of MeHungry

* RestaurantSuperAdmin (1)
* RestrauntManager (multiple)
* Cook (multiple)
* Waiter (multiple)
* Staff (multiple)
* MeHungrySuperAdmin

# **Role Definitions**

# **RestaurantSuperAdmin (1)**

* 1. The one who will sign up in the web application
  2. He will create restaurants (one or multiple). The restaurant id will be generated (always unique).
  3. He can create/modify payment credentials for every restaurant.
  4. He can create/modify restaurant’s manager (He needs to provide the managers email id and email id will then be verified after which the manager can login via web application). There has to be an option to make the Super Admin as the Restaurant Manager
  5. He can create/modify cook, waiter and staff for particular restaurants. For creating the cook, waiter and staff, only username, password is required.
  6. He can view the statistics and analytics of one or more of his restaurant.
  7. The Restaurant Super Admin is by default the manager of the restaurants he creates. So he can log in to the restaurant mobile application as a manager using the restaurant id.

# **RestrauntManager (multiple)**

1. By default Restaurant Super admin is a manager.
2. He can log in to the web application as well as RMA
3. One or more Restaurant managers will be created by Restaurant Super Admin for a particular restaurant
4. He can create/modify cook, waiter and staff for particular restaurants. For creating the cook, waiter and staff, only username, password is required.
5. He can view the statistics and analytics of his own restaurant in web as well as mobile application
6. He can modify/add the roles of a restaurant employee. For example he can give access to a cook of a waiter.

# **Cook/Waiter/Staff**

* 1. He will be created by RSA or RM
  2. He will log in by mobile application giving Restaurant id, User name and password

# **MeHungrySuperAdmin**

1. Will be created using scripts directly into the database
2. It will have access to all the api’s
3. He will verify when a restaurant is added. Before his verification, some of the functionalities like ordering will not be allowed.
4. Super Admin will authorize the payment credentials

# **Functionalities**

This defines the functionalities of all the stake holders of the Restaurant part.

# **RestaurantSuperAdmin**

1. Creates the Restaurant
2. Creates/Modify the manager
3. He can delete a restaurant
4. He provide the payment credentials of all the restaurants
5. He can perform all the tasks of a manager as he is the default manager of a restaurant
6. He can see the statistics and analytics of all the restaurants under him
7. When the RCA logins in the web application, then he will be treated as a super admin but when he log’s in the RMA with the restaurant id, then he will be treated as a manager.

# **RestrauntManager**

* + 1. Web Application Part

These are the functionalities that a restaurant manager can access in web application.

1. After the restaurant manager has been created by the RSA, the manger needs to verify his email id. Only after that he can login in the web.
2. He creates the staff members, assigns them username and password
3. He can see the analytics and statistics about his restaurant
   * 1. Mobile Application
4. He has to log in into the mobile application using the restaurant id
5. He can cancel an order
6. He can order on behalf of a customer
7. He can change the status of an item as per availability
8. He can check all the order status
9. He can close payments

# **Waiter**

1. Waiter can use only the mobile application
2. Waiter can place order
3. Waiter can cancel order
4. He can close an order created by a customer
5. He can check the status of all orders
6. He can’t close the payment cycle

# **Cook**

1. Cannot cancel a order
2. Can change the status of a order
3. Can provide an estimated time of arrival of food

# **Staff**

1. Soma pi read access