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Restaurant Orders Portal

# OVERVIEW

Restaurant Orders Portal is an online portal to order online foods from the restaurants.

# FUNCTIONAL REQUIREMENTS

* There will be two types of users : Users & Restaurant Business Owners. The users should be registered through the registered flow.
* Users should receive the Rs. 1000 cash in his wallet as soon as a user registers in our application.
* Users should be able to browse restaurants before signing in.
* Users should not be able to place an order before signing in.
* Users should be able to update/cancel their placed orders within 30 seconds only.
* Users should be able to see what orders they have placed.
* Restaurant business owners should be able to add categories, prices and food items in their menu.
* Restaurant business owners should see what categories and food items are added to their restaurant.
* Restaurant business owners should be able to update categories and food items, prices in their menu.
* Restaurant business owners should be able to see what order they have received.
* Restaurant business owners should be able to mark the orders as “Completed” once they prepare the order.
* If there’s any issue with the orders, users and Restaurant business owners can send an email to the admin(PO, Tech buddies) for assistance using the Contact-Us link on the homepage.

# SPECIFICATIONS

* A single page UI to be developed in ReactJS.
* REST API to be developed in SpringBoot. Use Java 8.
* Use a relational database, preferably postgresql.
* Target of minimum 80% code coverage through JUNIT.
* Integration of code semantic plugins such as Checkstyle, FindBugs/Spotbugs and PMD.
* Application logs must be generated through Log4J.
* Passwords should be encrypted.
* There should be 3 microservices: Users, Orders, Restaurants