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NRC: 27819
2025

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BOCATTO RESTAURANT API - 30 URIs READY TO TEST

Production Base URL: <https://bocatto.onrender.com>

GitHub: <https://github.com/Jeancarlospp/Bocatto>

AUTHENTICATION SETUP

Admin Login

URI: POST <https://bocatto.onrender.com/api/auth/admin/login>

Headers:

Content-Type: application/json

Request Body:

json

```
{  
  "email": "admin@bocatto.com",  
  "password": "Admin123!"  
}
```

Expected Response (200 OK):

json

```
{  
  "success": true,  
  "message": "Login successful.",  
  "user": {
```



```
"id": "6935c97b8831ada3499cfb32",
  "firstName": "Admin",
  "lastName": "Bocatto",
  "email": "admin@bocatto.com",
  "role": "admin",
  "adminAcceso": "SUPER_ADMIN"
}
}
```

...

Client login

URI: POST <https://bocatto.onrender.com/api/auth/client/login>

Headers:

Content-Type: application/json

Request Body:

```
json
{
  "email": "jjmanuel@espe.edu.ec",
  "password": "tu-password"
}
```

Expected Response (200 OK):

```
json
{
  "success": true,
  "message": "Login exitoso",
```



```
"user": {  
    "_id": "...",  
    "firstName": "Jeancarlo",  
    "lastName": "Santi",  
    "email": "jjmanuel@espe.edu.ec",  
    "role": "client"  
},  
"token": "eyJhbGciOiJIUzI1NilsInR5cCl6IkpxVCJ9..."  
}
```

BUSINESS RULES ENDPOINTS (10 URIs)

BR-01: Add Product to Cart with Stock Validation

URI: `POST https://bocatto.onrender.com/api/cart/add`

Authentication: Optional

Headers:

...

Content-Type: application/json

Request Body:

json

{

 "sessionId": "guest_12345",

 "productId": 1,



```
"quantity": 2,  
  
"customizations": {  
  
    "extras": ["Extra cheese", "Bacon"],  
  
    "specialInstructions": "No onions"  
  
}  
  
}
```

Expected Response (200 OK):

```
json  
{  
  
    "success": true,  
  
    "message": "Product added to cart",  
  
    "data": {  
  
        "sessionId": "guest_12345",  
  
        "items": [  
  
            {  
  
                "_id": "676xyz123...",  
  
                "product": 1,  
  
                "productName": "BBQ Burger",  
  
                "quantity": 2,  
  
                "price": 8.50,  
  
                "subtotal": 17.00,  
  
                "customizations": {  
  
                    "extras": ["Extra cheese", "Bacon"],  
  
                    "specialInstructions": "No onions"  
  
                }  
  
            }  
  
        ]  
  
    }  
  
}
```



```
],  
  "totalItems": 2,  
  "totalPrice": 17.00  
}  
}  
...  
--
```

BR-02: Create Order from Cart (Complete Checkout)

****URI:**** `POST https://bocatto.onrender.com/api/orders`

****Authentication:**** REQUIRED (Client)

****Authorization:**** Bearer Token

****Headers:****

...

Content-Type: application/json

Request Body:

```
json  
{  
  "sessionId": "guest_12345",  
  "deliveryType": "dine-in",  
  "paymentMethod": "card",  
  "customerNotes": "Table near the window"  
}
```

Expected Response (200 OK):



json

```
{  
  "success": true,  
  "message": "Order created successfully",  
  "data": {  
    "_id": "676order123...",  
    "orderNumber": "ORD-000001",  
    "user": "675def456...",  
    "items": [  
      {  
        "product": 1,  
        "productName": "BBQ Burger",  
        "quantity": 2,  
        "price": 8.50,  
        "subtotal": 17.00  
      }  
    ],  
    "totalItems": 2,  
    "totalPrice": 17.00,  
    "status": "pending",  
    "deliveryType": "dine-in",  
    "paymentMethod": "card",  
    "customerNotes": "Table near the window",  
    "estimatedReadyTime": "2025-12-22T15:30:00.000Z",  
    "createdAt": "2025-12-22T15:00:00.000Z"  
  }  
}
```



}

BR-03: Create Reservation with Business Validations

URI: `POST https://bocatto.onrender.com/reservations`

Authentication: REQUIRED (Client)

Authorization: Bearer Token

Headers:

Content-Type: application/json

Request Body:

json

{

```
"areaId": "675a25d8b35f246748df5b4a",
"startTime": "2025-12-25T18:00:00.000Z",
"endTime": "2025-12-25T20:00:00.000Z",
"guestCount": 4,
"notes": "Birthday celebration",
"paymentMethodSimulated": "card"
```

}

Expected Response (200 OK):

json

{



"success": true,
"message": "Reservation created successfully",
"data": {
 "_id": "676res123...",
 "reservationNumber": "RES-000001",
 "user": "675def456...",
 "area": {
 "_id": "675a25d8b35f246748df5b4a",
 "name": "VIP Terrace",
 "capacity": 20
 },
 "startTime": "2025-12-25T18:00:00.000Z",
 "endTime": "2025-12-25T20:00:00.000Z",
 "guestCount": 4,
 "totalPrice": 100.00,
 "status": "confirmed",
 "notes": "Birthday celebration",
 "createdAt": "2025-12-22T15:00:00.000Z"
}
}

BR-04: Check Area Availability (Anti-collision)

URI: GET

<https://bocatto.onrender.com/reservations/availability/675a25d8b35f246748df5b4a?date=2025-12-25>

Authentication: Not required

Expected Response (200 OK):



json

```
{  
  "success": true,  
  "data": {  
    "areaId": "675a25d8b35f246748df5b4a",  
    "areaName": "VIP Terrace",  
    "date": "2025-12-25",  
    "occupiedSlots": [  
      {  
        "startTime": "2025-12-25T18:00:00.000Z",  
        "endTime": "2025-12-25T20:00:00.000Z",  
        "reservationId": "676res123..."  
      }  
    ],  
    "availableSlots": [  
      {  
        "startTime": "2025-12-25T12:00:00.000Z",  
        "endTime": "2025-12-25T18:00:00.000Z"  
      }  
    ]  
  }  
}
```

BR-05: Validate Offer with Temporal Restrictions

URI: GET <https://bocatto.onrender.com/offers?active=true&validToday=true>

Authentication: Not required



Expected Response (200 OK):

```
json
{
  "success": true,
  "count": 3,
  "data": [
    {
      "_id": "676offer123...",
      "name": "Limited Special Combo",
      "description": "Burger + Fries + Drink",
      "originalPrice": 50000,
      "offerPrice": 35000,
      "discount": 30,
      "active": true,
      "featured": true,
      "startDate": "2025-12-01T00:00:00.000Z",
      "endDate": "2025-12-31T23:59:59.000Z",
      "validDays": ["Monday", "Tuesday", "Wednesday"],
      "startTime": "12:00",
      "endTime": "15:00",
      "maxUsage": 100,
      "usageCount": 45
    }
  ]
}
```



BR-06: Cancel Reservation with Time Rules

URI: DELETE <https://bocatto.onrender.com/reservations/676res123...>

Authentication: REQUIRED (Client)

Authorization: Bearer Token

No Body Required

Expected Response (200 OK):

json

{

```
"success": true,  
"message": "Reservation cancelled successfully",  
"data": {  
    "reservationNumber": "RES-000001",  
    "status": "cancelled",  
    "cancelledAt": "2025-12-22T15:30:00.000Z"
```

}

}

BR-07: Cart Allergy Warnings

URI: GET <https://bocatto.onrender.com/api/cart/allergy-warnings>

Authentication: REQUIRED (Client)

Authorization: Bearer Token

Expected Response (200 OK):

json

{

```
"success": true,  
"hasWarnings": true,  
"warnings": [
```



{

 "itemId": "676item123... ",

 "productName": "BBQ Burger",

 "quantity": 2,

 "allergens": [

 {

 "allergen": "gluten",

 "severity": "high",

 "foundIn": ["bread", "BBQ sauce"]

 }

],

 "suggestions": [

 "You can order without bread (removes gluten)"

]

 }

],

 "summary": {

 "totalItems": 3,

 "itemsWithWarnings": 1,

 "criticalAllergens": ["gluten"]

 }

}



URI: GET <https://bocatto.onrender.com/api/users/me/safe-products>

Authentication: REQUIRED (Client)

Authorization: Bearer Token

Expected Response (200 OK):

json

```
{  
  "success": true,  
  "data": {  
    "safeProducts": [  
      {  
        "_id": "1",  
        "name": "Caesar Salad",  
        "price": 6.50,  
        "allergens": [],  
        "available": true  
      }  
    ],  
    "unsafeProducts": [  
      {  
        "_id": "3",  
        "name": "BBQ Burger",  
        "price": 8.50,  
        "allergens": ["gluten", "lactose"]  
      }  
    ],  
    "stats": {  
      ...  
    }  
  }  
}
```



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```
"totalProducts": 50,  
"safeCount": 35,  
"unsafeCount": 15  
}  
}  
}
```

BR-09: Active Kitchen Orders (Real-time Dashboard)

URI: GET <https://bocatto.onrender.com/api/orders/kitchen/active>

Authentication: Not required

Expected Response (200 OK):

```
json  
{  
  "success": true,  
  "count": 5,  
  "data": [  
    {  
      "_id": "676order123...",  
      "orderNumber": "ORD-000001",  
      "items": [  
        {  
          "productName": "BBQ Burger",  
          "quantity": 2,  
          "customizations": {  
            "specialInstructions": "No spicy"  
          }  
        }  
      ]  
    }  
  ]  
}
```



```
    }  
],  
  "status": "confirmed",  
  "deliveryType": "dine-in",  
  "createdAt": "2025-12-22T14:00:00.000Z",  
  "elapsedTime": "15 minutes"  
}  
]  
}  
...  
---
```

BR-10: Update Order Status (Workflow)

****URI:**** `PUT https://bocatto.onrender.com/api/orders/676order123.../status`

****Authentication:**** REQUIRED (Admin)

****Authorization:**** Bearer Token (admin)

****Headers:****

...

Content-Type: application/json

Request Body:

json

{

```
  "status": "preparing",  
  "staffNotes": "Special order for table 5"
```



}

Expected Response (200 OK):

```
json
{
  "success": true,
  "message": "Order status updated successfully",
  "data": {
    "orderNumber": "ORD-000001",
    "status": "preparing",
    "staffNotes": "Special order for table 5",
    "updatedAt": "2025-12-22T14:15:00.000Z"
  }
}
```

CRUD AND OTHER ENDPOINTS (20 URIs)

URI-11: Check Server Status

URI: GET <https://bocatto.onrender.com/>

Authentication: Not required

Expected Response (200 OK):

```
json
{
  "message": "Welcome to Bocatto Restaurant API",
  "status": "Server is running",
  "version": "1.0.0"
}
...

```



URI-12: Register New Client

URI: `POST https://bocatto.onrender.com/api/auth/client/register`

Authentication: ❌ Not required

Headers:

Content-Type: application/json

Request Body:

json

{

```
"firstName": "Juan",
"lastName": "Pérez",
"email": "juan@test.com",
"password": "password123",
"phone": "0999123456",
"address": "Quito, Ecuador"
```

}

Expected Response (201 Created):

json

{

```
"success": true,
"message": "Client registered successfully",
"user": {
```



```
"_id": "676user123...",  
"firstName": "Juan",  
"lastName": "Pérez",  
"email": "juan@test.com",  
"role": "client"  
}  
}
```

URI-13: Verify Client Session

URI: GET <https://bocatto.onrender.com/api/auth/client/verify>

Authentication: REQUIRED (Client)

Authorization: Bearer Token

Expected Response (200 OK):

```
json  
{  
  "success": true,  
  "user": {  
    "_id": "676user123...",  
    "firstName": "Juan",  
    "email": "juan@test.com",  
    "role": "client"  
  }  
}
```

URI-14: Client Logout



URI: POST <https://bocatto.onrender.com/api/auth/client/logout>

Authentication: REQUIRED (Client)

Authorization: Bearer Token

Expected Response (200 OK):

json

```
{  
  "success": true,  
  "message": "Logout successful"  
}
```

URI-15: Verify Admin Session

URI: GET <https://bocatto.onrender.com/api/auth/admin/verify>

Authentication: REQUIRED (Admin)

Authorization: Bearer Token (admin)

Expected Response (200 OK):

json

```
{  
  "success": true,  
  "user": {  
    "_id": "676admin123...",  
    "email": "admin@bocatto.com",  
    "role": "admin"  
  }  
}
```

URI-16: Get All Menu Items



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URI: GET <https://bocatto.onrender.com/api/menu>

Authentication: ✗ Not required

Optional Query Params: ?category=Burgers&available=true

Expected Response (200 OK):

json

{

 "success": true,

 "count": 15,

 "data": [

 {

 "_id": "1",

 "name": "BBQ Burger",

 "description": "Juicy beef burger with BBQ sauce",

 "category": "Burgers",

 "price": 8.50,

 "image": "https://cloudinary.com/...",

 "available": true,

 "ingredients": ["beef patty", "BBQ sauce", "lettuce"],

 'allergens": ["gluten", "lactose"]

 }

]

}

URI-17: Get Product by ID

URI: GET <https://bocatto.onrender.com/api/menu/1>

Authentication: ✗ Not required

Expected Response (200 OK):



json

```
{  
  "success": true,  
  "data": {  
    "_id": "1",  
    "name": "BBQ Burger",  
    "description": "Juicy beef burger with BBQ sauce",  
    "category": "Burgers",  
    "price": 8.50,  
    "image": "https://cloudinary.com/...",  
    "available": true,  
    "ingredients": ["beef patty", "BBQ sauce", "lettuce", "tomato"],  
    "allergens": ["gluten", "lactose"],  
    "currentStock": 50  
  }  
}  
...  
---
```

URI-18: Create New Product (Admin)

URI: `POST https://bocatto.onrender.com/api/menu`

Authentication: REQUIRED (Admin)

Authorization: Bearer Token (admin)

Headers:



Content-Type: multipart/form-data

...

****Form-data Fields:****

...

name: Margherita Pizza

description: Classic Italian pizza

category: Pizzas

price: 12.50

available: true

file: [Select image .jpg/.png]

ingredients: ["Tomato", "Mozzarella cheese", "Basil"]

allergens: ["Dairy", "Gluten"]

currentStock: 30

Expected Response (201 Created):

json

{

 "success": true,

 "message": "Product created successfully",

 "data": {

 "_id": "676prod123...",

 "name": "Margherita Pizza",

 "price": 12.50,

 "image": "https://cloudinary.com/...",

 "available": true



}

}

...

URI-19: Update Product (Admin)

URI: `PUT https://bocatto.onrender.com/api/menu/1`

Authentication: REQUIRED (Admin)

Authorization: Bearer Token (admin)

Headers:

...

Content-Type: multipart/form-data

...

Form-data Fields:

...

name: Margherita Pizza Deluxe

price: 14.50

available: true

Expected Response (200 OK):

json

{

 "success": true,

 "message": "Product updated successfully",



```
"data": {  
    "_id": "1",  
    "name": "Margherita Pizza Deluxe",  
    "price": 14.50,  
    "available": true  
}
```

URI-20: Toggle Product Availability (Admin)

URI: PATCH <https://bocatto.onrender.com/api/menu/1/toggle>

Authentication: REQUIRED (Admin)

Authorization: Bearer Token (admin)

Expected Response (200 OK):

json

```
{  
    "success": true,  
    "message": "Product availability toggled",  
    "data": {  
        "_id": "1",  
        "name": "BBQ Burger",  
        "available": false  
    }  
}
```

URI-21: Delete Product (Admin)



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URI: DELETE <https://bocatto.onrender.com/api/menu/1>

Authentication: REQUIRED (Admin)

Authorization: Bearer Token (admin)

Expected Response (200 OK):

json

```
{  
  "success": true,  
  "message": "Product deleted successfully",  
  "data": {  
    "_id": "1",  
    "name": "BBQ Burger"  
  }  
}
```

URI-22: Get All Areas

URI: GET <https://bocatto.onrender.com/areas>

Authentication: Not required

Optional Query Params: ?activeOnly=true

Expected Response (200 OK):

json

```
{  
  "success": true,  
  "count": 5,  
  "data": [  
    {  
      "_id": "675a25d8b35f246748df5b4a",  
      "name": "VIP Terrace",  
      "active": true  
    }  
  ]  
}
```



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```
"description": "Outdoor area with view",
"capacity": 20,
"pricePerHour": 50.00,
"image": "https://cloudinary.com/...",
"amenities": ["WiFi", "Air conditioning", "Music"],
"active": true
}
]
}
```

URI-23: Get Area by ID

URI: GET <https://bocatto.onrender.com/areas/675a25d8b35f246748df5b4a>

Authentication: Not required

Expected Response (200 OK):

```
json
{
  "success": true,
  "data": {
    "_id": "675a25d8b35f246748df5b4a",
    "name": "VIP Terrace",
    "description": "Outdoor area with panoramic view",
    "capacity": 20,
    "pricePerHour": 50.00,
    "image": "https://cloudinary.com/...",
    "amenities": ["WiFi", "Air conditioning", "Music"],
    "active": true
  }
}
```



}

}

...

URI-24: Create New Area (Admin)

URI: `POST https://bocatto.onrender.com/areas`

Authentication: REQUIRED (Admin)

Authorization: Bearer Token (admin)

Headers:

...

Content-Type: multipart/form-data

...

Form-data Fields:

...

name: VIP Terrace

description: Outdoor area with view

capacity: 20

pricePerHour: 50

amenities: ["WiFi", "Air conditioning", "Music"]

file: [Select area image]

Expected Response (201 Created):

json



{

```
"success": true,  
"message": "Area created successfully",  
"data": {  
    "_id": "676area123...",  
    "name": "VIP Terrace",  
    "capacity": 20,  
    "pricePerHour": 50.00,  
    "active": true  
}
```

}

URI-25: Toggle Area Status (Admin)

URI: PATCH

<https://bocatto.onrender.com/areas/675a25d8b35f246748df5b4a/toggle-status>

Authentication: REQUIRED (Admin)

Authorization: Bearer Token (admin)

Expected Response (200 OK):

json

{

```
"success": true,  
"message": "Area status toggled successfully",  
"data": {  
    "_id": "675a25d8b35f246748df5b4a",  
    "name": "VIP Terrace",  
    "active": false  
}
```



}

URI-26: View Current Cart

URI: `POST https://bocatto.onrender.com/api/cart/get`

Authentication: Optional

Headers:

Content-Type: application/json

Request Body:

json

{

 "sessionId": "guest_12345"

}

Expected Response (200 OK):

json

{

 "success": true,

 "data": {

 "sessionId": "guest_12345",

 "items": [

 {

 "_id": "676item123...",



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```
"product": 1,  
  "productName": "BBQ Burger",  
  "quantity": 2,  
  "price": 8.50,  
  "subtotal": 17.00  
}  
],  
"totalItems": 2,  
"totalPrice": 17.00  
}  
}  
...  
---
```

URI-27: Update Cart Item Quantity

URI: `PUT https://bocatto.onrender.com/api/cart/update`

Authentication: Optional

Headers:

...

Content-Type: application/json

Request Body:

json

{

"sessionId": "guest_12345",



"productId": 1,

"quantity": 3

}

Expected Response (200 OK):

json

{

 "success": true,

 "message": "Cart updated successfully",

 "data": {

 "sessionId": "guest_12345",

 "items": [

 {

 "product": 1,

 "quantity": 3,

 "subtotal": 25.50

 }

],

 "totalPrice": 25.50

 }

}

URI-28: Remove Item from Cart



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URI: `DELETE https://bocatto.onrender.com/api/cart/remove`

Authentication: Optional

Headers:

Content-Type: application/json

Request Body:

json

{

 "sessionId": "guest_12345",
 "productId": 1

}

Expected Response (200 OK):

json

{

 "success": true,
 "message": "Item removed from cart",
 "data": {
 "sessionId": "guest_12345",
 "items": [],
 "totalItems": 0,
 "totalPrice": 0

}

}



URI-29: Clear Complete Cart

URI: `DELETE https://bocatto.onrender.com/api/cart/clear`

Authentication: Optional

Headers:

...

Content-Type: application/json

Request Body:

json

{

 "sessionId": "guest_12345"

}

Expected Response (200 OK):

json

{

 "success": true,

 "message": "Cart cleared successfully",

 "data": {

 "sessionId": "guest_12345",

 "items": [],

 "totalItems": 0,

 "totalPrice": 0

 }

}



URI-30: View My Orders (Client)

URI: GET

<https://bocatto.onrender.com/api/orders/my-orders?status=pending&limit=10>

Authentication: REQUIRED (Client)

Authorization: Bearer Token

Expected Response (200 OK):

json

{

 "success": true,

 "count": 3,

 "data": [

 {

 "_id": "676order123...",

 "orderNumber": "ORD-000001",

 "items": [

 {

 "productName": "BBQ Burger",

 "quantity": 2,

 "subtotal": 17.00

 }

],

 "totalPrice": 20.50,

 "status": "pending",

 "deliveryType": "dine-in",

 "createdAt": "2025-12-22T14:00:00.000Z"

 }

]



}

...

POSTMAN QUICK START

1. Create Environment

Name: Bocatto Production

Variables:

...

base_url = https://bocatto.onrender.com

admin_token = [Empty - will be set after login]

client_token = [Empty - will be set after login]

session_id = guest_12345

2. Test Order

1. **GET** {{base_url}}/ - Check server
2. **POST** {{base_url}}/api/auth/admin/login - Get admin token
3. **POST** {{base_url}}/api/auth/client/login - Get client token
4. **GET** {{base_url}}/api/menu - View menu
5. **POST** {{base_url}}/api/cart/add - Add to cart
6. **POST** {{base_url}}/api/orders - Create order

3. Auto-Save Token

Add to login Tests tab:

javascript

```
var jsonData = pm.response.json();
```



```
if (jsonData.token) {  
    pm.environment.set("client_token", jsonData.token);  
}  
}
```