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NRC: 27819
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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": {
```



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```
{
  "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": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..."  
}
```

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

```
{  
  "areald": "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": {
    "areald": "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"]
}
}
```



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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"

}

...



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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": {
```



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```
"_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



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



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}

}

...

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)



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",

```



```
"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);  
}
```