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Crear vendedor

Creacion del id

Primero se crea el usuario id, se le asigna el role vendedor

Peticion:

```
curl -X 'POST' \
  'https://autenticacion-service-190711226672.us-central1.run.app/api/users/' \
  -H 'accept: application/vnd.api+json' \
  -H 'Content-Type: application/json' \
  -d '{
    "data": {
      "attributes": {
        "username": "alvaro",
        "email": "alvaro@empresa.com",
        "password_hash": "1234",
        "role": "seller"
      },
      "type": "User"
    }
  },'
```

Response:

```
{
  "data": {
    "attributes": {
      "created_at": 1743729848,
      "email": "alvaro@empresa.com",
      "password_hash": "1234",
      "role": "vendedor",
      "updated_at": 1743729848,
      "username": "alvaro"
    },
    "id": "7",
    "links": {
      "self": "/api/users/7/"
    },
    "relationships": {
      "audit_logs": {
        "data": [],
        "links": {
          "self": "/api/users/7/audit_logs"
        }
      },
      "profile": {
        "data": [],
        "links": {
          "self": "/api/users/7/profile"
        }
      }
    }
  }
}
```

```

    }
  },
  "type": "User"
},
"included": [],
"jsonapi": {
  "version": "1.0"
},
"links": {
  "related": "/api/users/?",
  "self": "/api/users/7/"
},
"meta": {
  "count": 1,
  "instance_meta": {},
  "limit": 250,
  "total": 1
}
}

```

Luego hay que crear el perfil del vendedor, usando el user_id generado en el paso anterior.

Creacion del perfil

Peticion

```

curl -X 'POST' \
  'https://autenticacion-service-190711226672.us-central1.run.app/api/user_profiles/' \
  -H 'accept: application/vnd.api+json' \
  -H 'Content-Type: application/json' \
  -d '{
    "data": {
      "attributes": {
        "user_id": 7,
        "first_name": "Alvaro",
        "last_name": "Salazar",
        "phone": "300 348 6337",
        "address": "Calle 39B # 20-113",
        "country": "Colombia",
        "preferred_language": "Spanish"
      },
      "type": "UserProfile"
    }
  }'

```

Response

```
{
  "data": {
    "attributes": {
      "address": "Calle 39B # 20-113",
      "country": "Colombia",
      "created_at": 1743730551,
      "first_name": "Alvaro",
      "last_name": "Salazar",
      "phone": "300 348 6337",
      "preferred_language": "Spanish",
      "updated_at": 1743730551,
      "user_id": 7
    },
    "id": "4",
    "links": {
      "self": "/api/user_profiles/4/"
    },
    "relationships": {
      "user": {
        "data": null,
        "links": {
          "self": "/api/user_profiles/4/user"
        }
      }
    },
    "type": "UserProfile"
  },
  "included": [],
  "jsonapi": {
    "version": "1.0"
  },
  "links": {
    "related": "/api/user_profiles/?",
    "self": "/api/user_profiles/4/"
  },
  "meta": {
    "count": 1,
    "instance_meta": {},
    "limit": 250,
    "total": 1
  }
}
```

Crear cliente

Creacion del id

Peticion

Para crear un cliente primero debe registrarse las credenciales en el servicio de autentificacion:

```
curl -X 'POST' \
  'https://autenticacion-service-190711226672.us-central1.run.app/api/users/' \
  -H 'accept: application/vnd.api+json' \
  -H 'Content-Type: application/json' \
  -d '{
    "data": {
      "attributes": {
        "username": "alpha",
        "email": "compras@alpha.com",
        "password_hash": "1234",
        "role": "customer"
      },
      "type": "User"
    }
  },'
```

Response

```
{
  "data": {
    "attributes": {
      "created_at": 1743732482,
      "email": "compras@alpha.com",
      "password_hash": "1234",
      "role": "customer",
      "updated_at": 1743732482,
      "username": "alpha"
    },
    "id": "8",
    "links": {
      "self": "/api/users/8/"
    },
    "relationships": {
      "audit_logs": {
        "data": [],
        "links": {
          "self": "/api/users/8/audit_logs"
        }
      }
    },
    "profile": {
      "data": [],
    }
  }
}
```

```

        "links": {
            "self": "/api/users/8/profile"
        }
    },
    "type": "User"
},
"included": [],
"jsonapi": {
    "version": "1.0"
},
"links": {
    "related": "/api/users/?",
    "self": "/api/users/8/"
},
"meta": {
    "count": 1,
    "instance_meta": {},
    "limit": 250,
    "total": 1
}
}
}

```

Creacion del perfil

Peticion

Luego se registra el perfil del cliente en customer-service:

```

curl -X 'POST' \
  'http://localhost:8087/api/customers/' \
  -H 'accept: application/vnd.api+json' \
  -H 'Content-Type: application/json' \
  -d '{
    "data": {
      "attributes": {
        "user_id": 7,
        "business_name": "Empresa Alpha",
        "business_type": "Retail",
        "tax_id": "TAX123",
        "credit_limit": 200000.0,
        "payment_terms": "Net 30"
      },
      "type": "Customer"
    }
  }'

```

Response

```

{
  "data": {
    "attributes": {

```

```

        "business_name": "Empresa Alpha",
        "business_type": "Retail",
        "created_at": 1743731266,
        "credit_limit": 200000.0,
        "payment_terms": "Net 30",
        "tax_id": "TAX123",
        "updated_at": 1743731266,
        "user_id": 7
    },
    "id": "8",
    "links": {
        "self": "/api/customers/8/"
    },
    "relationships": {
        "segment_assignments": {
            "data": [],
            "links": {
                "self": "/api/customers/8/segment_assignments"
            }
        },
        "visits": {
            "data": [],
            "links": {
                "self": "/api/customers/8/visits"
            }
        }
    },
    "type": "Customer"
},
"included": [],
"jsonapi": {
    "version": "1.0"
},
"links": {
    "related": "/api/customers/?",
    "self": "/api/customers/8/"
},
"meta": {
    "count": 1,
    "instance_meta": {},
    "limit": 250,
    "total": 1
}
}

```

Crear Proveedor

Peticion

```
curl -X 'POST' \
  'https://manufacturer-service-190711226672.us-central1.run.app/api/manufacturers' \
  -H 'accept: application/vnd.api+json' \
  -H 'Content-Type: application/json' \
  -d '{
    "data": {
      "attributes": {
        "name": "Nestle de Colombia",
        "contact_person": "Fernando Victoria",
        "email": "fernando@nestle.com.co",
        "phone": "3022020302",
        "address": "Calle 39B 20-113",
        "country": "Colombia",
        "payment_terms": "Net 30 days",
        "delivery_conditions": "At payment"
      },
      "type": "Manufacturer"
    }
  }'
```

Response

```
{
  "data": {
    "attributes": {
      "address": "Calle 39B 20-113",
      "contact_person": "Fernando Victoria",
      "country": "Colombia",
      "created_at": 1743728242,
      "delivery_conditions": "At payment",
      "email": "fernando@nestle.com.co",
      "name": "Nestle de Colombia",
      "payment_terms": "Net 30 days",
      "phone": "3022020302",
      "updated_at": 1743728242
    },
    "id": "1",
    "links": {
      "self": "/api/manufacturers/1/"
    },
    "relationships": {
      "products": {
        "data": [],
        "links": {
          "self": "/api/manufacturers/1/products"
        }
      }
    }
  }
}
```



```

    },
    },
    "type": "Manufacturer"
  },
  "included": [],
  "jsonapi": {
    "version": "1.0"
  },
  "links": {
    "related": "/api/manufacturers?",
    "self": "/api/manufacturers/1/"
  },
  "meta": {
    "count": 1,
    "instance_meta": {},
    "limit": 250,
    "total": 1
  }
}

```

Consulta y localizacion de productos en bodega

Peticion

Supongamos que vamos a buscar al producto 1, se establece el id del producto en product_id%5D=1:

```

curl -X 'GET' \
  'https://inventory-service-190711226672.us-central1.run.app/api/inventory_items/?include=warehouse%2Ctransactions&fields%5BInventoryItem%5D=product_id%2Cwarehouse_id%2Cquantity%2Clocation%2Cexpiry_date%2Ccreated_at%2Cupdated_at&page%5Boffset%5D=0&page%5Blimit%5D=10&sort=id&filter%5Bproduct_id%5D=1' \
  -H 'accept: application/vnd.api+json' \
  -H 'Content-Type: application/vnd.api+json'

```

Response

```

{
  "data": [
    {
      "attributes": {
        "created_at": 1680000200,
        "expiry_date": 1700000000,
        "location": "Secci\u00f3n A, estante 3",
        "product_id": 1,
        "quantity": 150,
        "updated_at": 1680000200,
        "warehouse_id": 1
      },
      "id": "1",
    }
  ]
}

```

```

    "links": {
      "self": "/api/inventory_items/1/"
    },
    "relationships": {
      "transactions": {
        "data": [
          {
            "id": "1",
            "type": "InventoryTransaction"
          },
          {
            "id": "3",
            "type": "InventoryTransaction"
          }
        ],
        "links": {
          "self": "/api/inventory_items/1/transactions"
        },
        "meta": {
          "count": 2,
          "limit": 10,
          "total": 2
        }
      },
      "warehouse": {
        "data": {
          "id": "1",
          "type": "Warehouse"
        },
        "links": {
          "self": "/api/inventory_items/1/warehouse"
        }
      }
    },
    "type": "InventoryItem"
  },
  "included": [
    {
      "attributes": {
        "address": "Av. Principal 123, Ciudad Capital",
        "capacity": 1000,
        "country": "M\u00e9xico",
        "created_at": 1680000000,
        "name": "Bodega Central",
        "updated_at": 1680000000
      },
      "id": "1",
      "links": {
        "self": "/api/warehouses/1/"
      }
    }
  ]
}

```

```

    },
    "relationships": {
      "inventory_items": {
        "data": [],
        "links": {
          "self": "/api/warehouses/1/inventory_items"
        }
      }
    },
    "type": "Warehouse"
  },
  {
    "attributes": {
      "from_warehouse_id": 1,
      "inventory_item_id": 1,
      "notes": "Despacho para pedido #1001",
      "quantity": 20,
      "to_warehouse_id": null,
      "transaction_date": 1680000600,
      "transaction_type": "OUT",
      "user_id": 1
    },
    "id": "3",
    "links": {
      "self": "/api/inventory_transactions/3/"
    },
    "relationships": {
      "inventory_item": {
        "data": null,
        "links": {
          "self": "/api/inventory_transactions/3/inventory_item"
        }
      }
    },
    "type": "InventoryTransaction"
  },
  {
    "attributes": {
      "from_warehouse_id": null,
      "inventory_item_id": 1,
      "notes": "Recepci\u00f3n inicial del producto",
      "quantity": 150,
      "to_warehouse_id": 1,
      "transaction_date": 1680000400,
      "transaction_type": "IN",
      "user_id": 1
    },
    "id": "1",
    "links": {
      "self": "/api/inventory_transactions/1/"
    },

```

```

    },
    "relationships": {
      "inventory_item": {
        "data": null,
        "links": {
          "self": "/api/inventory_transactions/1/inventory_item"
        }
      }
    },
    "type": "InventoryTransaction"
  }
],
"jsonapi": {
  "version": "1.0"
},
"links": {
  "self":
"/api/inventory_items/?include=warehouse,transactions&fields[InventoryItem]=product_id,warehouse_id,quantity,location,expiry_date,created_at,updated_at&sort=id&filter[product_id]=1&page[offset]=0&page[limit]=10"
},
"meta": {
  "count": 1,
  "limit": 10,
  "total": 1
}
}
}

```

Registro de visita a cliente

Peticion

```

curl -X 'POST' \
  'https://customer-service-190711226672.us-central1.run.app/api/customer_visits/' \
  -H 'accept: application/vnd.api+json' \
  -H 'Content-Type: application/json' \
  -d '{
    "data": {
      "attributes": {
        "salesperson_id": 10,
        "customer_id": 1,
        "visit_date": 1680000600,
        "notes": "Visita para evaluar el servicio postventa.",
        "outcomes": "Retroalimentación positiva, solicitar mayor información."
      },
      "type": "CustomerVisit"
    }
  }'

```

Response

```
{
  "data": {
    "attributes": {
      "created_at": 1743735322,
      "customer_id": 1,
      "notes": "Visita para evaluar el servicio postventa.",
      "outcomes": "Retroalimentaci\u00f3n positiva, solicitar mayor informaci\u00f3n.",
      "salesperson_id": 10,
      "updated_at": 1743735322,
      "visit_date": 1680000600
    },
    "id": "3",
    "links": {
      "self": "/api/customer_visits/3/"
    },
    "relationships": {
      "customer": {
        "data": null,
        "links": {
          "self": "/api/customer_visits/3/customer"
        }
      }
    },
    "type": "CustomerVisit"
  },
  "included": [],
  "jsonapi": {
    "version": "1.0"
  },
  "links": {
    "related": "/api/customer_visits/?",
    "self": "/api/customer_visits/3/"
  },
  "meta": {
    "count": 1,
    "instance_meta": {},
    "limit": 250,
    "total": 1
  }
}
```

Carga de productos individual

Peticion

```
curl -X 'POST' \
  'https://manufacturer-service-190711226672.us-central1.run.app/api/products/' \
```

```

-H 'accept: application/vnd.api+json' \
-H 'Content-Type: application/json' \
-d '{
"data": {
  "attributes": {
    "manufacturer_id": 1,
    "name": "Nestle de Colomna",
    "description": "Leche Condensada La Lechera 400 ml",
    "sku": "LL9283742",
    "unit_price": 30000,
    "storage_conditions": "Under 30C",
    "delivery_time": 30  },
  "type": "Product"
}
}'

```

Response

```

{
  "data": {
    "attributes": {
      "created_at": 1743737056,
      "delivery_time": 30,
      "description": "Leche Condensada La Lechera 400 ml",
      "manufacturer_id": 1,
      "name": "Nestle de Colomna",
      "sku": "LL9283742",
      "storage_conditions": "Under 30C",
      "unit_price": 30000.0,
      "updated_at": 1743737056
    },
    "id": "4",
    "links": {
      "self": "/api/products/4/"
    },
    "relationships": {
      "images": {
        "data": [],
        "links": {
          "self": "/api/products/4/images"
        }
      },
      "manufacturer": {
        "data": null,
        "links": {
          "self": "/api/products/4/manufacture"
        }
      },
      "regulations": {
        "data": [],
        "links": {

```

```
        "self": "/api/products/4/regulations"
      }
    }
  },
  "type": "Product"
},
"included": [],
"jsonapi": {
  "version": "1.0"
},
"links": {
  "related": "/api/products/?",
  "self": "/api/products/4/"
},
"meta": {
  "count": 1,
  "instance_meta": {},
  "limit": 250,
  "total": 1
}
}
```