Pharmacy Manager API Documentation

Github Repository

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1. Sessions

1.1. Create session

```
FEATURE: Create session
URL: POST /sessions
REQUEST BODY:
"password": <string>
RESPONSE
                        CODE
                                            RESPONSE BODY
                                           {
  "token": <string>
OK
                        200: OK
                                           }
Invalid request
                        400: Bad
format
                        Request
                                            "error": "validationError"
                                            "message": "resource does not exist"
                                           {
  "error":"Forbidden",
  "???" "This ac
Incorrect credentials
                        403: Forbidden
                                            "message": "This action is forbidden"
                                           {
    "error": "InternalServerError",
    "": "Internal server e
                        500: Internal
Internal server error
                        Server Error
                                            "message": "Internal server error"
```

1.2. Get user profile

FEATURE: Get user profile from token			
URL: GET /session	URL: GET /sessions/profile		
HEADER: Author	HEADER: Authorization:{token}		
RESPONSE	CODE	REQUEST BODY	
ОК	200: OK	{ "userName": <string>, "roleName": <string>, "pharmacyName": <string>, }</string></string></string>	
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }	

2. Invitations

2.1. Create invitation

```
FEATURE: Create new user invitation
URL: POST /invitations
HEADER: Authorization:{token}
ROLES AUTORIZADOS: Admin y Owner
REQUEST BODY:
{
"userName": <string>,
"roleName": <string>,
"pharmacyName": <string>
                  CODE
                                      RESPONSE BODY
RESPONSE
                                     OK
                  200: OK
                                      "invitationCode": <string>,
                                      "pharmacyName": <string>,
                                      "used": <bool>
Invalid request
                  400: Bad
format
                  Request
                                      "error": "validationError"
                                      "message": "resource does not exist"
                                     {
    "error":"Permission error",
    "-""!nvalid token"
Unauthorized
                  401:
                  Unauthorized
request
User without
                  403: Forbidden
                                      "error":"Forbidden",
enough
privileges
                                      "message": "This action is forbidden"
                  500: Internal
Internal server
error
                   Server Error
                                      "error":"InternalServerError",
                                      "message": "Internal server error"
```

2.2. User registration

```
FEATURE: Registration of the user with existing invitation
```

URL: PUT /invitations/{invitationCode}

```
REQUEST BODY:
{
    "userName": <string>,
    ""' <string>,
```

"email": <string>,
"address": <string>,
"password": <string>,
}

RESPONSE	CODE	RESPONSE BODY
ОК	200: OK	{ "userName": <string>, "roleName": <string>, "pharmacyName": <string>, "email": <string>, "address": <string>, "used":<bool> }</bool></string></string></string></string></string>
Invalid request format	400: Bad Request	{ "error": "validationError" "message": "invalid invitation code" }
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }

2.3. Update invitation

```
FEATURE: Update unused user invitation
 URL: PUT /invitations/{invitationCode}
 HEADER: Authorization:{token}
 ROLES AUTORIZADOS: Admin
 REQUEST BODY:
{
"userName": <string>,
": <ctring>
  "roleName": <string>,
"pharmacyName": <string>
 RESPONSE
                                                                                            CODE
                                                                                                                                                                                         RESPONSE BODY
                                                                                                                                                                                        {
  "userName": <string>,
  "roleName": <string>,
  "arting>,
  "a
 OK
                                                                                            200: OK
                                                                                                                                                                                           "invitationCode": <string>,
"pharmacyName": <string>,
                                                                                                                                                                                             "used": <bool>
                                                                                                                                                                                        {
    "error": "validationError"
    "": "invalid invitation

                                                                                            400: Bad
 Invalid request
format
                                                                                            Request
                                                                                                                                                                                            "message": "invalid invitation code"
                                                                                                                                                                                        {
    "error":"InternalServerError",
    "" "Internal server e
                                                                                            500: Internal
 Internal server
error
                                                                                            Server Error
                                                                                                                                                                                            "message": "Internal server error"
```

2.4. Get all invitations

FEATURE: List all user invitations

URL: GET /invitations

QUERY STRINGS:

"pharmacyName": <string>
"userName": <string>
"role": <string> [Admin, Employee, Owner]

HEADER: Authorization:{token}

ROLES AUTORIZADOS: Admin

ROLLS ACTORIZADOS. ACITIIII		
RESPONSE	CODE	RESPONSE BODY
ОК	200: OK	[
Invalid request format	400: Bad Request	{ "error": "validationError", "message": "Role doesn't exist" }
Unauthorized request	401: Unauthorized	{ "error":"Unauthorized", "message":"Invalid token" }
User without enough privileges	403: Forbidden	{ "error":"Forbidden", "message": "This action is forbidden" }
Pharmacy o User inexistente	404: Not Found	{ "error": "notFoundError" "message": "resource does not exist" }
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }

3. Pharmacies

3.1. Create pharmacy

```
FEATURE: Create a new pharmacy
URL: POST /pharmacies
HEADER: Authorization:{token}
ROLES AUTORIZADOS: Admin
REQUEST BODY:
{
"name": <string>,
">>>: <string
"address": <string>
RESPONSE
                         CODE
                                              RESPONSE BODY
OK
                         200: OK
                                               "id":<int>,
                                              "name": <string>,
                                              "address": <string>
                                              {
    "error":"validationError",
    "Pharmacy r
Invalid request
                         400: Bad
format
                         Request
                                              "message": "Pharmacy name already exists"
                                              {
    "error":"permissionError",
    "=""!nvalid token"
Unauthorized
                         401:
                         Unauthorized
request
                                              "message":"Invalid token"
                                              }
                                              {
  "error":"Forbidden",
  "???": "This ac
User without enough
                         403: Forbidden
privileges
                                              "message": "This action is forbidden"
                                              }
Internal server error
                         500: Internal
                         Server Error
                                              "error": "InternalServerError",
                                              "message": "Internal server error"
```

4. Solicitudes

4.1. Create solicitude

```
FEATURE: Create new request of medicine stock
URL: POST /solicitudes
HEADER: Authorization:{token}
ROLES AUTORIZADOS: Employee
REQUEST BODY:
{
    "solicitudeltems": [
   "drugCode": <string>,
  "quantity": <int>
RESPONSE
                        CODE
                                            RESPONSE BODY
OK
                        200: OK
                                            .
"id": <int>,
                                            "state": <string>,
                                            "date":<DateTime>,
                                            "employee"<string>,
                                            "solicitudeItems": [
                                             {
  "drugCode": <string>,
                                              "quantity": <int>
                                            ]
                                           }
                                           {
    "error":"validationError",
    "-"": "Incorrect fo
Invalid request
                        400: Bad
format
                        Request
                                            "message": "Incorrect format"
                                           }
Unauthorized
                        401:
                                            "error":"Unauthorized",
request
                        Unauthorized
                                            "message":"Invalid token"
User without enough
                        403: Forbidden
privileges
                                            "error": "Forbidden",
                                            "message": "This action is forbidden"
                                            {
"error": "notFoundError"
Drug Code erróneo
                        404: Not Found
                                            "message": "resource does not exist"
                        500: Internal
                                           {
Internal server error
```

Server Error	"error":"InternalServerError", "message": "Internal server error" }
	"message": "Internal server error" }

4.2. Get all solicitudes

FEATURE: List all request of medicine stock of the pharmacy

URL: GET /solicitudes

QUERY STRINGS:

"dateFrom": <string> ["yyyy-MM-dd"]
"dateTo": <string> ["yyyy-MM-dd"]
"drugCode": <string>

"state": <string> [accepted, rejected, pending]

HEADER: Authorization:{token}

ROLES AUTORIZADOS: Owner, Employee

RESPONSE	CODE	RESPONSE BODY
ОК	200: OK	[{ "id": <int>, "employee": <string> "state": <string>, "Date": <datetime>, "solicitudeItems": [{ "drugCode": <string>, "quantity": <int> }] }</int></string></datetime></string></string></int>
Invalid request format	400: Bad Request	{ "error": "validationError", "message": "The date from should be before date to" }
Unauthorized request	401: Unauthorized	{ "error":"Unauthorized", "message":"Invalid token" }
User without enough privileges	403: Forbidden	{ "error":"Forbidden", "message": "This action is forbidden" }
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }

4.3. Update solicitude state

FEATURE: Approve or reject a request of medicine stock URL: PUT /solicitudes/{solicitudeId} **HEADER:** Authorization:{token} **ROLES AUTORIZADOS: Owner REQUEST BODY:** "status": <string> **VALUES RESPONSE** CODE **RESPONSE BODY** OK 200: OK "id": <int>, "employee": <string> "state": <string>, "Date": <DateTime>, "solicitudeItems": ["quantity": <int> } 400: Bad Invalid request error":"validationError", format Request "message": "State doesn't exist " 404: Not Found Resource not found "error": "notFoundError", "message": "Solicitude doesn't exist " Unauthorized 401: Unauthorized "error":"Unauthorized", request "message":"Invalid token" User without enough 403: Forbidden privileges "message": "This action is forbidden" 500: Internal Internal server error Server Error "error": "InternalServerError", "message": "Internal server error"

5. Drugs

5.1. Create drug

```
FEATURE: Create a new medicine
URL: POST /drugs
HEADER: Authorization:{token}
ROLES AUTORIZADOS: Employee
REQUEST BODY:
"drugCode": <string>,
"name": <string>,
"symptoms": <string>,
"presentation": <string>,
"quantityPerPresentation": <float>,
"measureUnit": <string>,
"price": <double>,
"recipieNedeed": <bool>
RESPONSE
                       CODE
                                          RESPONSE BODY
OK
                       200: OK
                                           .
"id":<Int>,
                                           "drugCode": <string>,
                                           "name": <string>,
                                           "symptoms": <string>,
                                           "presentation": <string>,
                                           "presentationQuantity": <int>,
                                           "measureUnit": <string>,
                                           "price": <double>,
                                           "needsPrescription": <bool>
                                          }
Invalid request
                       400: Bad
format
                       Request
                                           "error":"validationError",
                                           "message": "The drug code already exists in this
                                          pharmacy "
                                          {
"error":"Unauthorized",
"""Invalid toke
Unauthorized
                       401:
                       Unauthorized
request
                                           "message":"Invalid token"
User without enough
                       403: Forbidden
privileges
                                           "error": "Forbidden",
                                           "message": "This action is forbidden"
                       500: Internal
Internal server error
                       Server Error
                                           "error":"InternalServerError",
                                           "message": "Internal server error"
```

5.2. Delete drug

FEATURE: Delete medicine URL: DELETE /drugs/{drugld} **HEADER:** Authorization:{token} **ROLES AUTORIZADOS:** Employee **RESPONSE BODY RESPONSE** CODE OK 200: OK "message": "Se eliminó el medicamento correctamente" {
 "error":"NonExistentDrug",
 "-"" "Drug doesn't (Resource not found 404: Not Found "message": "Drug doesn't exist " {
"error":"Unauthorized", Unauthorized 401: request Unauthorized "message":"Invalid token" {
 "error":"Forbidden",
 """ "This ac User without enough 403: Forbidden privileges "message": "This action is forbidden" } 500: Internal Internal server error Server Error error":"InternalServerError", "message": "Internal server error"

5.3. Get all drugs

FEATURE: List all medicines of the system **URL:** GET /drugs **QUERY STRINGS:** "drugName": <string>
"withStock":<bool> **ROLES AUTORIZADOS:** Anonymous RESPONSE CODE **RESPONSE BODY** OK 200: OK "id":<Int>, "drugCode": <string>,
"stock": <int>, "pharmacy":<string>] {
 "error":"InternalServerError",
 "" "Internal server e Internal server error 500: Internal Server Error "message": "Internal server error"

5.4. Get drug

FEATURE: Get a specific medicine

URL: GET /drugs/{drugId}

HEADER: Authorization:{token}

ROLES AUTORIZADOS: Employee

ROLLS AUTORIZADOS. Employee		
RESPONSE	CODE	RESPONSE BODY
ОК	200: OK	{ "id": <int>, "drugCode": <string>, "name": <string>, "symptoms": <string>, "presentation": <string>, "presentationQuantity": <int>, "measureUnit": <string>, "price": <double>, "recipieNedeed": <bool> }</bool></double></string></int></string></string></string></string></int>
Resource not found	404: Not Found	{ "error":"NonExistentDrug", "message": "Drug doesn't exist " }
Unauthorized request	401: Unauthorized	{ "error":"Unauthorized", "message":"Invalid token" }
User without enough privileges	403: Forbidden	{ "error":"Forbidden", "message": "This action is forbidden" }
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }

5.5. Export drugs

Unauthorized

403: Forbidden

500: Internal

Server Error

request

privileges

User without enough

Internal server error

FEATURE: Export all system medicines **URL:** POST /drug-exporters/export **HEADER:** Authorization:{token} **ROLES AUTORIZADOS: Employee REQUEST BODY:** {
 "name": <string>, "props": ["type": <string>, "key": <string>,
"value": <string> **RESPONSE** CODE **RESPONSE BODY** OK 200: OK Unauthorized 401:

"error":"Unauthorized",

5.6. List drug exporters

FEATURE: List all medicine exporters available

URL: POST /drug-exporters

HEADER: Authorization:{token}

ROLES AUTORIZADOS: Employee

The Late Parties and Table 2001.		
RESPONSE	CODE	RESPONSE BODY
OK	200: OK	[
Unauthorized request	401: Unauthorized	{ "error":"Unauthorized", "message":"Invalid token" }
User without enough privileges	403: Forbidden	{ "error":"Forbidden", "message": "This action is forbidden" }
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }

6. Purchases

6.1. Create purchase

```
FEATURE: Purchase medicines
URL: POST /purchases
REQUEST BODY:
"userEmail": <string>,
"items": [
   "pharmacyName": <string>,
   "drugCode": <string>,
   "quantity": <int>
                                      RESPONSE BODY
RESPONSE
                   CODE
OK
                   200: OK
                                       "id":<int>.
                                       "userEmail": <string>,
                                       "createdDate": <string>,
                                       "price":<double>,
                                       "pharmacyName": <string>,
                                       "code":<string>,
                                       "items": [
                                          "drugCode": <string>,
                                          "quantity": <int>,
"pharmacyName": <string>,
                                          "state": <int>
                                        ]
Invalid request
                   400: Bad
format
                   Request
                                       error":"NonExistentDrug",
                                       "message": "Drug doesn't exist"
                   401:
Unauthorized
                   Unauthorized
                                       error":"permissionError",
request
                                       "message":"Invalid token"
                                      User without
                   403: Forbidden
enough
privileges
                                       "message": "This action is forbidden"
                                      {
    "error":"InternalServerError",
    "" "Internal server €
Internal server
                   500: Internal
error
                   Server Error
                                       "message": "Internal server error"
```

6.2. Update purchase state

```
FEATURE: Approve or reject a purchase
URL: PUT /purchases/{id}
HEADER: Authorization:{token}
ROLES AUTORIZADOS: Employee
REQUEST BODY:
"items": [
   "status": <int>,
   "drugCode": <string>
RESPONSE
                    CODE
                                        RESPONSE BODY
OK
                    200: OK
                                          "id":<int>,
                                          "createdDate": <string>,
                                          "price":<double>,
                                          "items": [
                                            "drugCode": <string>,
                                            "quantity": <int>,
"pharmacyName": <string>,
                                            "state": <int>
                                          ]
                                        }
                                        {
    "error":"NonExistentDrug",
    "" "Drug doesn't (
Invalid request
                    400: Bad
format
                    Request
                                         "message": "Drug doesn't exist "
                                        {
    "error":"permissionError",
    """Invalid token"
                    401:
Unauthorized
                    Unauthorized
request
                                         "message":"Invalid token"
User without
                    403: Forbidden
enough
                                         "error": "Forbidden",
privileges
                                         "message": "This action is forbidden"
Internal server
                    500: Internal
                    Server Error
                                         "error":"InternalServerError",
error
                                         "message": "Internal server error"
```

6.3. Get all purchases

FEATURE: List all purchase fo the pharmacy

URL: GET /purchases

HEADER: Authorization:{token}

ROLES AUTORIZADOS: Employee

RESPONSE	CODE	RESPONSE BODY
ОК	200: OK	<pre>[</pre>
Unauthorized request	401: Unauthorized	{ "error":"Unauthorized", "message":"Invalid token" }
User without enough privileges	403: Forbidden	{ "error":"Forbidden", "message": "This action is forbidden" }
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }

6.4. Generate purchases report

FEATURE: Generate a purchase report

URL: GET /purchases/report

QUERY STRINGS:

"dateFrom":<string> [yyyy-MM-ddTHH]
"dateTo":<string> [yyyy-MM-ddTHH]

HEADER: Authorization:{token}

ROLES AUTORIZADOS: Owner

NOLEO AO TONILABOO. OWNER		
RESPONSE	CODE	RESPONSE BODY
ОК	200: OK	{ "totalAmount": <double>, "dateFrom": <string>, "dateTo": <string>, "purchased-drugs": [{ "drugCode": <string>, "quantity": <int>, "amount": <string>, }] }</string></int></string></string></string></double>
Unauthorized request	401: Unauthorized	{ "error":"Unauthorized", "message":"Invalid token" }
User without enough privileges	403: Forbidden	{ "error":"Forbidden", "message": "This action is forbidden" }
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }

6.5. Get purchases status

FEATURE: Get purchase status		
URL: GET /purch	ases/{code}	
HEADER:		
ROLES AUTORIZ	ZADOS: Owner, Em	nployee
RESPONSE	CODE	RESPONSE BODY
ОК	200: OK	{ "DrugCode": string, "State": string }
Invalid request format	400: Bad Request	{ "error":"NonExistentPurchase", "message": ""The code doesn't belong to a purchase"" }
Internal server error	500: Internal Server Error	{ "error":"InternalServerError", "message": "Internal server error" }