APPLICATION INTERFACE
BETWEEN
PAYMENT CARD REGISTRATION APP AND DB
VERSION-1

API – VERSION - 1

CONTENT

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1. INTRODUCTION

1.1 PURPOSE

The purpose of the API is for synchronizing the card information from APP to DB.

1.2 SYNCRONIZATION

✓ Successful data insertion/updates return – Reference key and Success Count, which greater than 0

✓ Failure data insertion/updates returns– Failure Count (greater than 0), Success Response (null) and Failure Message.

2. API Specification

2.1 Create

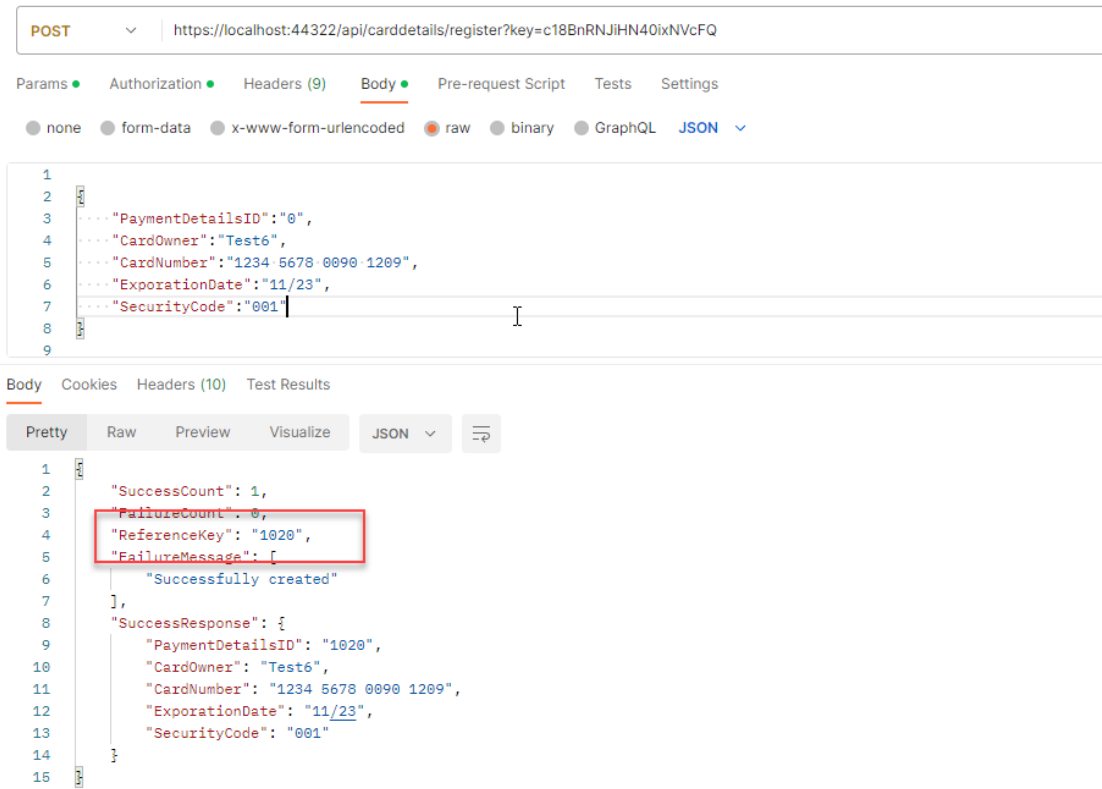| Endpoint	https://localhost:44322/api/carddetails/register?key=c18BnRNJiHN40ixNVcFQ
Method	POST
Parameter	<table><tr><th>Key</th><th>Value</th></tr><tr><td>key</td><td>c18BnRNJiHN40ixNVcFQ</td></tr></table>
Authorization	Using basic Authentication: **User Name:** test **Password :** test@123
Header	which uses a Base64 encoding of **Basic dGVzdDp0ZXN0QDEyMw==** Content-Type : application/json

2.1.1   JSON

```json
{
    "PaymentDetailsID":"1018",
    "CardOwner":"Test",
    "CardNumber":"1234567800901209",
    "ExporationDate":"12/24",
    "SecurityCode":"123"
}
```

2.1.2 ATTRIBUTES & TECHNICAL DETAILS

Attribute	Type	Description	Mandatory /Optional
PaymentDetailsID	string	Card registration ID	
CardOwner	string	Card Name	Required
CardNumber	string	Expecting string contains digits & whitespace only with character length 17 total	Required
ExporationDate	string	Expecting "MM/yy" or "MM/yyyy" format	Required
SecurityCode		Expecting integer value with character length 3	Required

2.1.3 API check via Postman

Failure Response

```
1
2   {
3       "PaymentDetailsID":"0",
4       "CardOwner":"Test6",
5       "CardNumber":"1234 5678 0090 1209",
6       "ExporationDate":"11/23",
7       "SecurityCode":"001"
8   }
9
```

ody   Cookies   Headers (10)   Test Results

| Pretty | Raw | Preview | Visualize | JSON ⌄ | ⇄ |

```
1   {
2       "SuccessCount": 0,
3       "FailureCount": 1,
4       "ReferenceKey": "",
5       "FailureMessage": [
6           "Rejected due to the carddetails holding with another owner"
7       ],
8       "SuccessResponse": null
9   }
```

2.2 Update

Endpoint	https://localhost:44322/api/carddetails/update?key=c18BnRNJiHN40ixNVcFQ
Method	POST
Parameter	<table><tr><th>Key</th><th>Value</th></tr><tr><td>key</td><td>c18BnRNJiHN40ixNVcFQ</td></tr></table>
Authorization	Using basic Authentication: **User Name:** test **Password :** test@123
Header	which uses a Base64 encoding of **Basic dGVzdDp0ZXN0QDEyMw==** Content-Type : application/json

2.2.1 JSON

```
{
    "PaymentDetailsID":"1018",
    "CardOwner":"Test",
    "CardNumber":"1234567800901209",
    "ExporationDate":"12/24",
    "SecurityCode":"123"
}
```

2.2.2 ATTRIBUTES & TECHNICAL DETAILS

Attribute	Type	Description	Mandatory /Optional
PaymentDetailsID	string	Card registration ID	Required
CardOwner	string	Card Name	Required
CardNumber	string	Expecting string contains digits & whitespace only with character length 17 total	Required
ExporationDate	string	Expecting "MM/yy" or "MM/yyyy" format	Required
SecurityCode		Expecting integer value with character length 3	Required

2.2.3 API check via Postman

HTTP PaymentAPI / **updateCard**

POST ⌄ https://localhost:44322/api/carddetails/update?key=c18BnRNJiHN40ixNVcFQ

Params ●   Authorization ●   Headers (9)   **Body** ●   Pre-request Script   Tests   Settings

⚪ none   ⚪ form-data   ⚪ x-www-form-urlencoded   🔴 raw   ⚪ binary   ⚪ GraphQL   **JSON** ⌄

```
1  {
2      "PaymentDetailsID":"1018",
3      "CardOwner":"Test",
4      "CardNumber":"1234567800901209",
5      "ExporationDate":"12/24",
6      "SecurityCode":"123"
7  }
8
9
```

2.3 GET

Endpoint	https://localhost:44322/api/carddetails/getall?key=c18BnRNJiHN40ixNVcFQ
Method	Get
Parameter	<table><tr><th>Key</th><th>Value</th></tr><tr><td>key</td><td>c18BnRNJiHN40ixNVcFQ</td></tr></table>
Authorization	Using basic Authentication: **User Name:** test **Password :** test@123
Header	which uses a Base64 encoding of **Basic dGVzdDp0ZXN0QDEyMw==** Content-Type : application/json

2.3.1 API check via Postman