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PAYMENT CARD REGISTRATION APP  
VERSION-1

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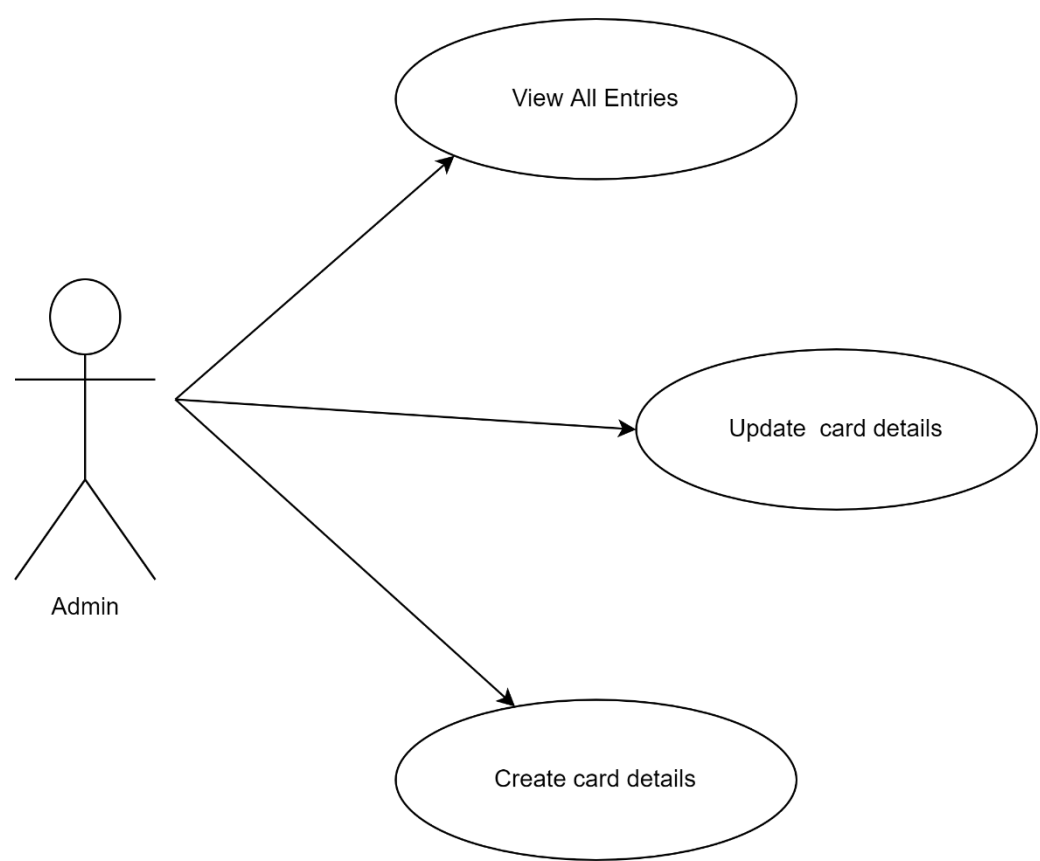
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1. INTRODUCTION

1.1 PURPOSE

The purpose of this document is to present a detailed description of the APP - Payment Card Registration. It will explain the purpose and features of the APP and the interfaces of the APP.

2. APP Modules



2.1 Create

https://localhost:44391

Home

Registered Card

Register New Card

Add New

ID	Name	Card Number	Expiry Date	
1016	Test123	1234 5678 0090 1207	11-2023	<a href="#">update</a>
1017	Test6	1234 5678 0090 1208	11-2023	<a href="#">update</a>
1019	Rasma	1223 7890 0098 6756	12-2024	<a href="#">update</a>
1020	Test6	1234 5678 0090 1209	11-2023	<a href="#">update</a>

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Register card deatils - APP Paym... x +

← ↻ 🏠

https://localhost:44391/Home/create

Home

Card Name

Card Number

ExporationDate

SecurityCode

Register

Cancel

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2.2Update

Home

Registered Card Details

Add New

Edit card informations

ID	Name	Card Number	Expiry Date	
1016	Test123	1234 5678 0090 1207	11-2023	<a href="#">update</a>
1017	Test6	1234 5678 0090 1208	11-2023	<a href="#">update</a>
1019	Rasma	1223 7890 0098 6756	12-2024	<a href="#">update</a>
1020	Test6	1234 5678 0090 1209	11-2023	<a href="#">update</a>

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Update card deatils - APP Payme x +

[←](#) [↻](#) [🏠](#) [🔒 https://localhost:44391/Home/update?PaymentID=1016](#)

Home

Card Name

Test123

Card Number

1234567800901207

ExporationDate

11-2023

SecurityCode

123

Update

Cancel

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2.3 Get All

Payment Registration - APP Paym x +

https://localhost:44391/?Length=4

Home

Registered Card Details

Add New

ID	Name	Card Number	Expiry Date	
1016	Test123	1234 5678 0090 1207	11-2023	<a href="#">update</a>
1017	Test6	1234 5678 0090 1208	11-2023	<a href="#">update</a>
1019	Rasma	1223 7890 0098 6756	12-2024	<a href="#">update</a>
1020	Test6	1234 5678 0090 1209	11-2023	<a href="#">update</a>

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3. Tool Used

- APP – ASP.Net MVC
- DATA COMMUNICATION FROM APP TO DATA STORAGE - API
- API – ASP.NET API
- Database – SQL Server

## 4. Table Scripts

```
USE [Test]
GO
```

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[PaymentDetails](
    [PaymentDetailsID] [int] IDENTITY(1000,1) NOT NULL,
    [CardOwner] [nvarchar](200) NOT NULL,
    [CardNumber] [nvarchar](50) NOT NULL,
    [ExporationDate] [datetime] NOT NULL,
    [SecurityCode] [int] NOT NULL,
    [EDI] [nvarchar](max) NOT NULL,
    [ExportedAt] [datetime] NOT NULL,
    [Process_State] [int] NULL,
    CONSTRAINT [PK_PaymentDetails] PRIMARY KEY CLUSTERED
(
    [PaymentDetailsID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
```

```
USE [Test]
GO
```

```
SET ANSI_NULLS ON
GO
```

```
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[Log_PaymentDetails](
    [LogID] [int] IDENTITY(1,1) NOT NULL,
    [Event] [char](3) NOT NULL,
    [EventDate] [datetime] NOT NULL,
    [PaymentDetailsID] [int] NOT NULL,
    [CardOwner] [nvarchar](200) NOT NULL,
    [CardNumber] [nvarchar](50) NOT NULL,
    [ExporationDate] [datetime] NOT NULL,
    [SecurityCode] [int] NOT NULL,
    [EDI] [nvarchar](max) NOT NULL,
    [ExportedAt] [datetime] NOT NULL,
    [Process_State] [int] NULL,
    CONSTRAINT [PK_Log_PaymentDetails] PRIMARY KEY CLUSTERED
(
    [LogID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
GO
```