Client App

MVC WEB APP (.NET Framework)

**Identity MicroService (STS+users)**

SQL SERVER DATABASE

C

TCCCARDDB

**Purchase API**

Ordering API

SQL SERVER DATABASE

SQL SERVER DATABASE

**Card MicroService (STS+users)**

SQL SERVER DATABASE

* **Client Application** – The client application is developed using .NET Framework 4.7, It get the User, Card and Ordering information from different Microservices which are developed in .NET Core.
* **Identity Microservices** – Identity Microservice is responsible for Authenticate and Authorize the user. After the User is validated and authenticated other services will be available.
* **Card Microservice** – Card Microservice is responsible to get Card Information of users. It also brings Card templates information and user can choose new card based on the template.
* **Purchase Microservice** – Purchase Microservice facilitate users to purchase new card from given template. They can pay using various payment methods.