

Ian Parkison

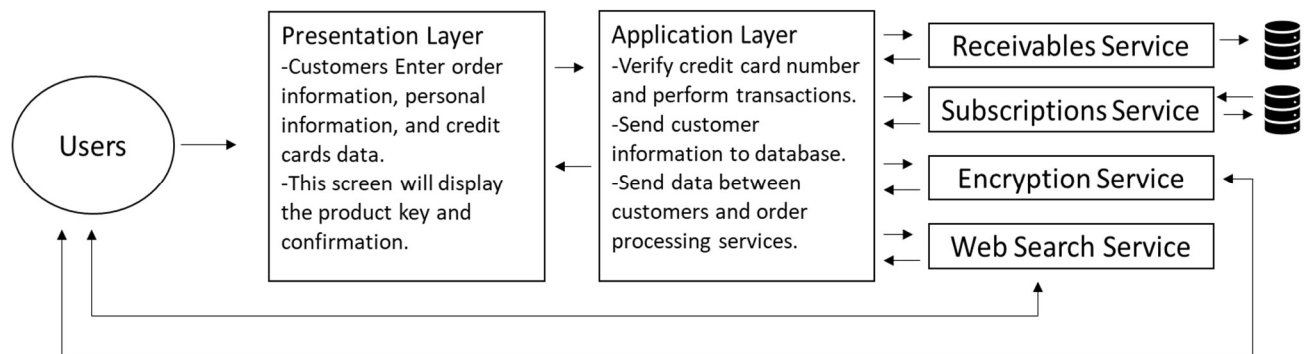
CSE 598

Summer 2018

Assignment 3.1

IDE Used: Visual: Studio 2017 Community

This system will be designed to sell services to customers. Customers will place orders for subscriptions and will be provided with access keys and endpoints. The system will keep track of which keys are related to which products and the subscription status. This will be a four-tiered system in which the presentation layer will be used by customers, the application layer will contain the business logic, the service layer will contain services for the application and those that are used as products, and the data layer will be used to store data about customers and their associated licenses. The services offered are intended to be used by businesses. They will include a web search service and an encryption service.



This page is deployed at: TBD				
This project is developed by: Ian Parkison				
Name	Service			
Ian Parkison	Receivable Service Input: Bill Object Output: Confirmation Object	TBD	Process customer billing and communicate with database.	Will need to create an XML database to store billing data.
Ian Parkison	Subscription Service Input: string Output: string	TBD	Process customer service subscriptions. Determine if customer has an active subscription.	Will need to implement an xml database to store subscription keys and data.
Ian Parkison	Encryption Service Input: string Output: string	TBD	Provide Encryption service to customers.	Use tools within .NET to encrypt and decrypt customer data.

Ian Parkison	Web Search Service Input: string Output: json object	TBD	Provide web searching service.	Use existing API from major service provider to create service.
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