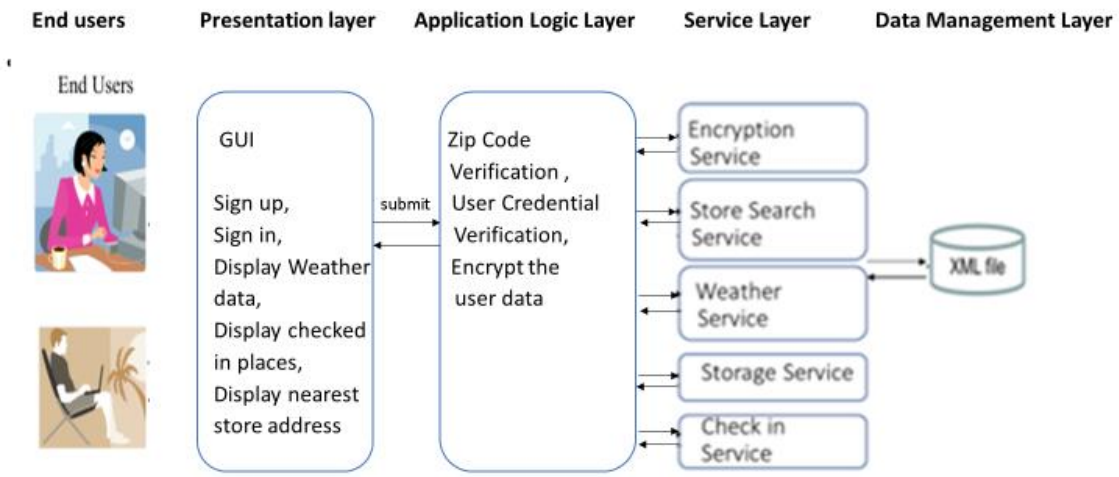
Assignment 3: Part A

1.1 Description:

An online system to search for places. A user can sign up and log in to the system. It also provides a check in option for the places visited by the user. An encryption and decryption service is used to protect the credentials of the user. The weather information can also be obtained for the destination queried by the user.

1.2 System Design



1.3 Service Directory:

This page is deployed at:				
This project is developed by: Abhishek Shrikant Bhat				
Provider Name	Service name, with input and output types	TryIt link	Service description	Planned resources need to implement the service
Abhishek Shrikant Bhat	Encryption and decryption: Input: String Output: String	TryIt	Cipher encryption and decryption	Use RijndaelManaged class and local component to implement the service
Abhishek Shrikant Bhat	Find the Nearest Store Input: zipcode Output:	http://localhost:25756/Default	Use an existing online service or	Used the google places api to get the store id and then the address of the store using the store id.

	string		API to find the provided storeName closest to the zipcode and return the address. It can be used to search any place and not limited to stores.	
Abhishek Shrikant Bhat	Weather at the given zipcode Input: zipcode Output: list of string	http://localhost:13713/Default	A 5-day weather forecast service of zipcode location.	Use the service on the national weather service at: http://graphical.weather.gov/xml/SOAP_server/ndfdXMLserver.php?wsdl
Abhishek Shrikant Bhat	Storage Service Input: List of String Output: boolean	TryIt	Storage service to store the data into the server.	Implement it using my own code to write the credentials to a user info file in the server.
Abhishek Shrikant Bhat	Check in service for the store Input: String Output:boolean	TryIt	A check in service for user to keep track of the places checked in.	Implement own code and reuse the storage service to update the user info file and add the checked in place.