

Application and Components Summary Table				
The application is deployed at: http://webstrar77.fulton.asu.edu/Page8/				
Percentage of contribution: Member 1 Hunter: 30%, Member 2 Cristion: 40%, Member 3 Secret: 30%				
Team Name: group77				
Provider Name	Page and Component Type (e.g., aspx, DLL, SVC, etc.)	Component Description (What does the component do? What are input/parameter and output/return value?)	Actual Resources and Methods Utilized to Implement the Component and where This Component is Utilized.	TryIt Link
Cristion Dominguez	DLL	<p>Encryption/Decryption</p> <p>Performs cipher encryption or decryption on each character of the input string.</p> <p>Input: string Output: string</p>	<p>The cipher is manually coded by Cristion Dominguez based on DES.</p> <p>The cipher is utilized in the MemberLogin, MemberRegister, and Member pages.</p>	<p>http://webstrar77.fulton.asu.edu/page3/TryIt</p> <p>http://webstrar77.fulton.asu.edu/Page8/Account/Member</p>
Cristion Dominguez	XML Manipulation for Member.xml	Stores members' usernames, passwords, saved flight booking, and saved hotel booking.	The manipulation is linked to the MemberLogin (searching through usernames and encrypted passwords), MemberRegister (adding a username and encrypted password), and Member (adding saved flight and hotel bookings) pages.	<p>http://webstrar77.fulton.asu.edu/page3/TryIt</p> <p>http://webstrar77.fulton.asu.edu/Page8/Account/Member</p>
Cristion	SVC Service	AirportAndH	Airplane flight data shall be	http://webstrar77.fulton.asu.edu/Page8/Account/Member

Dominguez	http://webstrar77.fulton.asu.edu/page4/AirportAndHotelService.svc	<p>otelService</p> <p><u>GetFlightBookings</u> Operation: Inputs — string originLocation string originLatitude string destinationLatitude string destinationLongitude string departureDate string returnDate int adults // amount of adults int children // amount of children</p> <p>Output — string[][] // each row has information on an available flight booking</p> <p><u>GetHotelBookings</u> Operation: Inputs — string latitude string longitude string checkInDate</p>	<p>retrieved from: https://tequila-api.kiwi.com/v2</p> <p>Hotel booking data at a location shall be from: http://api.hotwire.com/v1/search/hotel</p> <p>Since the Hotwire API does not provide hotel identities, the identity of a hotel shall be randomly selected from https://api.yelp.com/v3 centered around the vacation spot.</p> <p>The service is implemented in the Member page.</p>	77.fulton.asu.edu/page3/TryIt 77.fulton.asu.edu/Page8/Account/Member
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		string checkOutDate string rooms // amount of rooms string adults // amount of adults string children // amount of children Output — string[][] // each row has information on an available hotel booking		
Secret Daniel	captcha	Shows a picture of words and letters put together and only reveals staff pages functionality if you typed in the right words and letters	Coded within the member.aspx file	http://webstar77.fulton.asu.edu/Page7/
Secret Daniel	Vacation service	Gets the location of a vacation spot based on the users position that they inputted	Uses a website for the vacation spots available and is used in member.aspx	http://webstar77.fulton.asu.edu/Page10/
Secret Daniel	XML manipulation for staff.xml	Stores staff's usernames and passwords and allows	Coded in staff.xml	http://webstar77.fulton.asu.edu/Page7/

		staff usernames and passwords to be added		
Hunter Thompson	Cookies	Saves user profile. Also saves temporary session state ID.	Data is stored locally when input is submitted. TryIt in Home page	https://webstar77.fulton.asu.edu/page5/
Hunter Thompson	Global.asax file with event handler.	Implements an event handler which tracks current visitors on our page.	Coded within the Global.asax file. TryIt in Home page	https://webstar77.fulton.asu.edu/page5/
Hunter Thompson	Weather Service	Service that returns a 5 Day Forecast given a zip code within the US. Input: Int Zipcode Output: String[] Forecast	Data will be returned by json through the api: api.openweathermap.org/data/2.5/forecast?zip={zipcode},us&appid={apiKey} TryIt in Home page	https://webstar77.fulton.asu.edu/page5/