Carson Sharp A8 Application and Components Summary Table:

The application is deployed at: **http://webstrar69.fulton.asu.edu/page1**			
Assignment 8 Contributions: Carson 100% (only used my code in this submission)			
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 used to implement the component and where this component is used.**
Carson Sharp	ExchangeRate: Input: string amountInUSD Output: string[] exchangeRates	This service takes an inputted amount of USD and gives the exchange rates to the other top 15 currencies. The TryIt page can be found on the members page for my assignment 8.	https://api.exchangerate.host/latest Uses a free open API to retrieve current exchange rates of currencies.
Carson Sharp	Aspx pages and server control	Default page, Member page, and Staff page. Starts at the Default page and links to all other pages.	C# Code behind GUI. Linked to the Default page
Carson Sharp	User control	Captcha image verifier found on the registration page. Users must correctly enter the captcha to register a new member account.	Uses captcha verifier wsdl service: http://venus.sod.asu.edu/WSRepository/Services/ImageVerifierSvc/Service.svc
Carson Sharp	Global.asax/Cookies	Gets username and roles for user after they sign-in using a cookie and the handler: Application_AuthenticateRequest(). TryIt is on the Members page once you sign-in. Cookies are used in the Global.asax to store username and role.	C# Code behind GUI. Linked to the Default page

Note: I also implement basic XML functions to save and search usernames and passwords but it uses clear text. Another group member made a better XML search and save with a encryption/decryption DLL for A9.