Deployment Link: http://webstrar46.fulton.asu.edu/page1/default.aspx

Application and Components Summary Table			
Percentage of overall contribution: Tyler Nguyen: 33%, Justin Yi: 33%, Hunter Flechsig: 33%			
Provider name	Page and component type	Component description	Actual resources and methods
Tyler Nguyen	User Control for Captcha	Creates a simple captcha image for the user to fill out	System.Drawing; System.Drawing.Imaging;
Tyler Nguyen	DLL class library for Encrypting	Uses AES encryption to encrypt and decrypt files from DLL Library module	public static string Encrypt(string plainText) public static string Decrypt(string cipherText) https://learn.microsoft.com/en-us/dotnet/standard/security/decrypting-data
Tyler Nguyen	Pokémon News Service Deployed to Webstar	Provides a list of links of Pokémon news in the last few months	GDELT API public string[] NewsFocus(string[] topics) private async Task<List<string>> GetNewsUrlsAsync(string query)
Tyler Nguyen	Member Register page	Allows Members to Sign Up and Add their user and password to join CardDex	DDL class library for encrypting password. Word Filter service to filter usernames Captcha User Control
Tyler Nguyen	Default page	Serves as Default Page for the website. Provides Pokémon news and a service directory.	News Focus service
Justin Yi	Global.asax Event Handler	This event handler will be specifically for a session start. When the user starts the application, they will be given a session ID, as well as a welcome message.	Public class Global Protected void Session_Start(object sender, EventArgs e)
Justin Yi	User control for login window	Created a login window using labels, textboxes,	System.Web.UI

		and buttons. Actual login logic will be implemented in Assignment 6.	Protected void Button1_Click(object sender, EventArgs e)
Justin Yi	Word Filter Service Deployed to Webstar	Filters out offensive words from usernames for the website (Word filter will be using stopwords as an example)	Public string WordFilter(string toFilter) Placed into page 8.
Justin Yi	Login Page	Ensures only member and Staff with proper credentials have the ability to see their respective pages	Forms Security
Hunter Flechsig	User Control for displaying Pokémon Cards	Makes in array of cards and display a grid with their images, name, and set	C# Code behind GUI. Linked to Member Page
Hunter Flechsig	Cookie for storing user profile	Store User ID and password when logging in	GUI design and C# code behind GUI using HTTP cookies library. Linked to login page
Hunter Flechsig	Pokémon Card Service deployed to webstar	PokeFind - Pokémon Card Searching Service deployed to webstar - EndPoint: http://webstrar46.fulton.asu.edu/page9/api/PokeFind/{set}x{name}	Retrieve information from PokemonTCG API at: https://pokemontcg.io/. Linked into Member Page
Hunter Flechsig	Member page	Integrated the PokeFind service into the member page	Uses earlier user control and earlier service, which retrieves information from PokemonTCG API at: https://pokemontcg.io/.
Hunter Flechsig	Forms Security Cookies	Integrated forms security for the staff and member pages	IIS Manager Forms Security, FormsAuthenticationTicket - used in all pages for authentication and authorization