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CSE445 - Prof. Chen, T Th 3:00

A6 - Application and Components Summary Table

Application and Components Summary Table - Team 82			
The application is deployed at:			
Percentage of contribution: Angel Moreno: 50%, Yash Sharma: 50%			
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.**
Angel Moreno	aspx page and server control/ login page (component)	The public Default page that call and link all other pages with login page in default page. Has two TextBoxes for the user to input the username and password. A button is included to login. A label will display whether the login was successful or failed after reading the xml file including accounts.	My own code used to make the aspx and ascx files that display the GUI. Login was implemented from a ascx file. TryIt Page: http://webstrar82.fulton.asu.edu/page5/
Angel Moreno	XML file (component)	Store usernames and passwords. This is made testable by including it into the TryIt page. It includes textBoxes that lets the user input a username and password to add it to the xml file by pushing a button if	Linked to the login page component. Ascx file was also created and implemented to the TryIt Page to make the XML file testable . TryIt Page: http://webstrar82.fulton.asu.edu/page5/

		the account does not exist. If it exists, it tells the user and doesn't add it.	
Angel Moreno	SVC service: BlackJack (service)	Button: depending on the button pushed, specific operation will be called to play the game Input: Buttons: depending on the button pushed, specific operation will be called to play the game Output: string: dealers hand, string : players hand, String: outcome of game This service was developed in a4.	Calls my BlackJack service from page 2 of my group's WebStrar. URL: http://webstrar82.fulton.asu.edu/page2/Service1.svc TryIt Page: http://webstrar82.fulton.asu.edu/page5/
Yash Sharma	Global.asax (component)	This makes use of the event handlers for our app, specifically Application_Start and Session_Start. Upon the application starting, a counter variable is initialized that keeps track of how many times the page has been loaded. Similarly, whenever a session fo a user starts, their own individual counter starts as well. These counters are incremented upon every page load as explained in my comments in the code.	Simple code that is found within WebStrar on my TryIt page, or also Canvas. The TryIt page is below: http://webstrar82.fulton.asu.edu/page7/

Yash Sharma	DLL class library module (component)	This class library module is called DBLib.dll, and the code for it is also submitted. It takes *text as input* and either encrypts or decrypts it based on whichever function is called (and then *outputs the resulting string*). The encryption is simple and is using XORs, modulos and a key; the decryption is the exact same.	I didn't use any external libraries or web services for this and just created a Class Library on Visual Studio and wrote my own code, which can be found in the submission for this assignment, as well as in WebStrar. The TryIt functionality for this module can be found on my TryIt page: http://webstrar82.fulton.asu.edu/page7/
Yash Sharma	Cookies (component)	This component is for creating HTTP cookies with user-provided values, and also for checking whether or not there are existing cookies matching the given cookie name.	I used HTTPCookies for this, and it is used on my TryIt page for my components and service: http://webstrar82.fulton.asu.edu/page7/
Yash Sharma	Blackjack advice system (service)	Inputs: User hand of cards in Blackjack Dealer hand of cards in Blackjack Output: Best action to take in that scenario This is a RESTful service that I developed previously in A4.	This service is found in Page 8 of my group's WebStrar, along with all my other RESTful services. The TryIt page is below. Endpoint: http://webstrar82.fulton.asu.edu/Page8/Service1.svc/advice?myCards={*Your cards here.*}&dealerCards={*Dealer cards here.*} TryIt: http://webstrar82.fulton.asu.edu/page7/