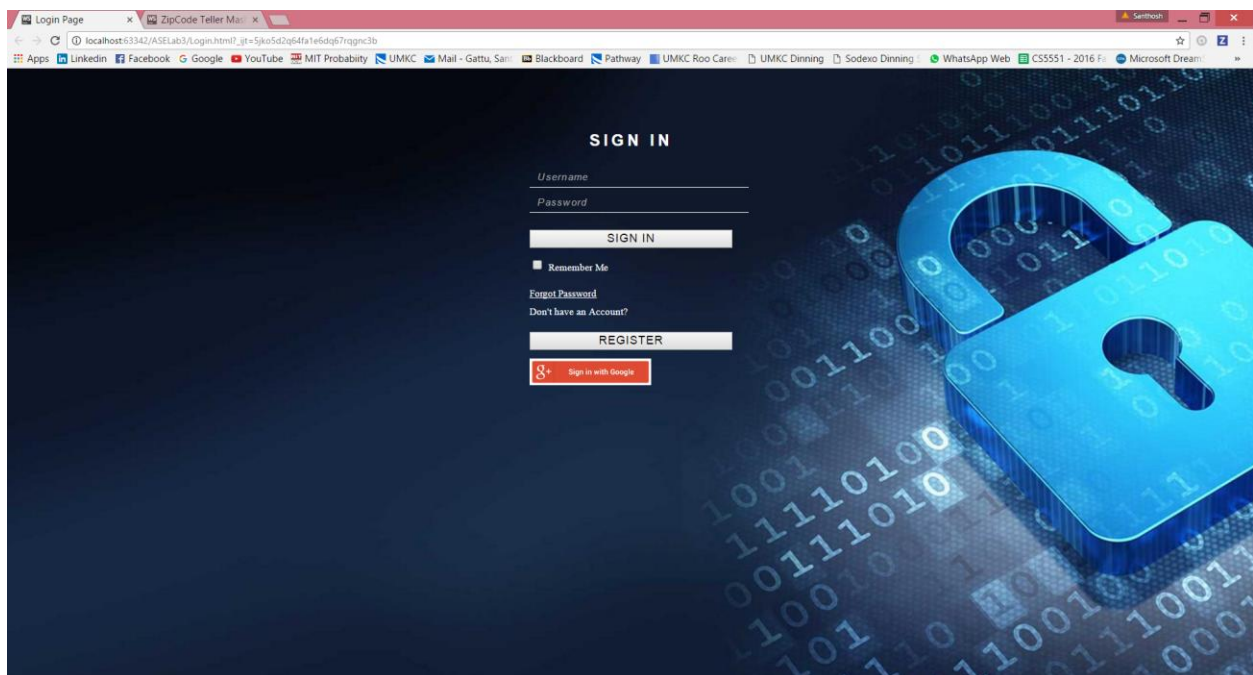


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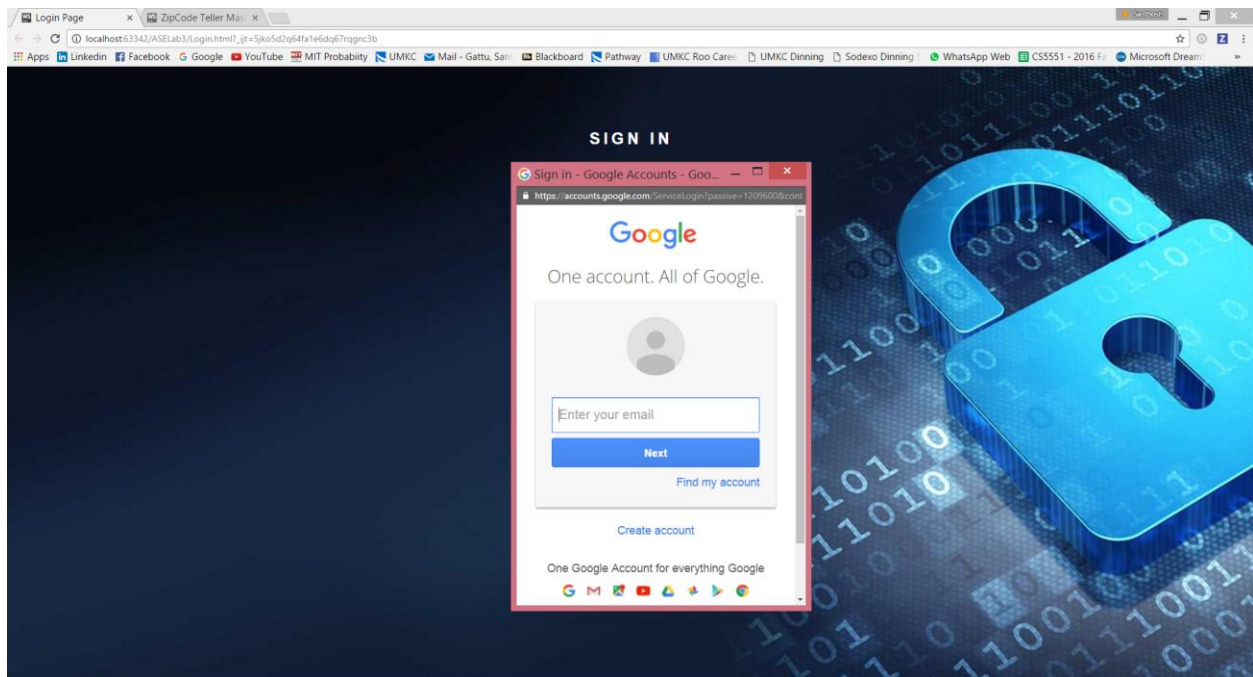
LAB ASSIGNMENT #3

1. Create Login to your application using Social login by using any of the OAuth 2.0 Service from Social Networking Service Providers like (Facebook, Google, LinkedIn, Yahoo, Twitter, Instagram, etc.)

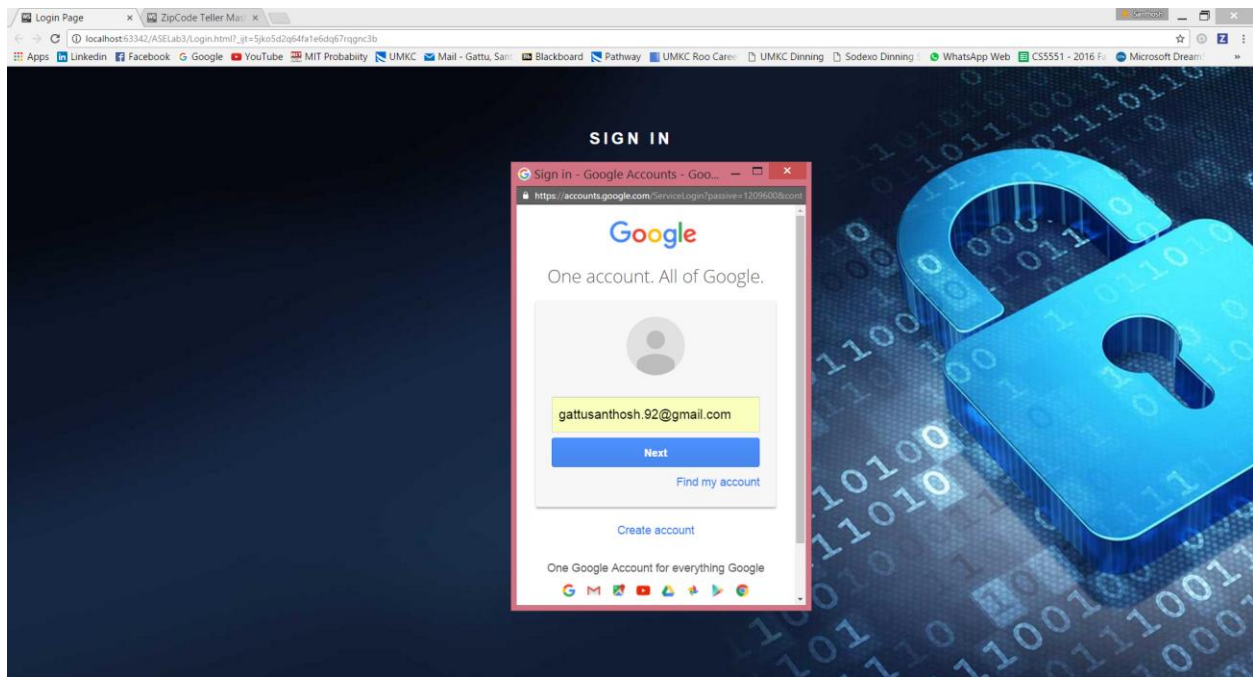
Below is the Login page with Social login by using OAuth 2.0 Service from Social Networking Service Provider Google.



Upon clicking Sign in Google button google authentication takes place in the back end and google sign in page is displayed.

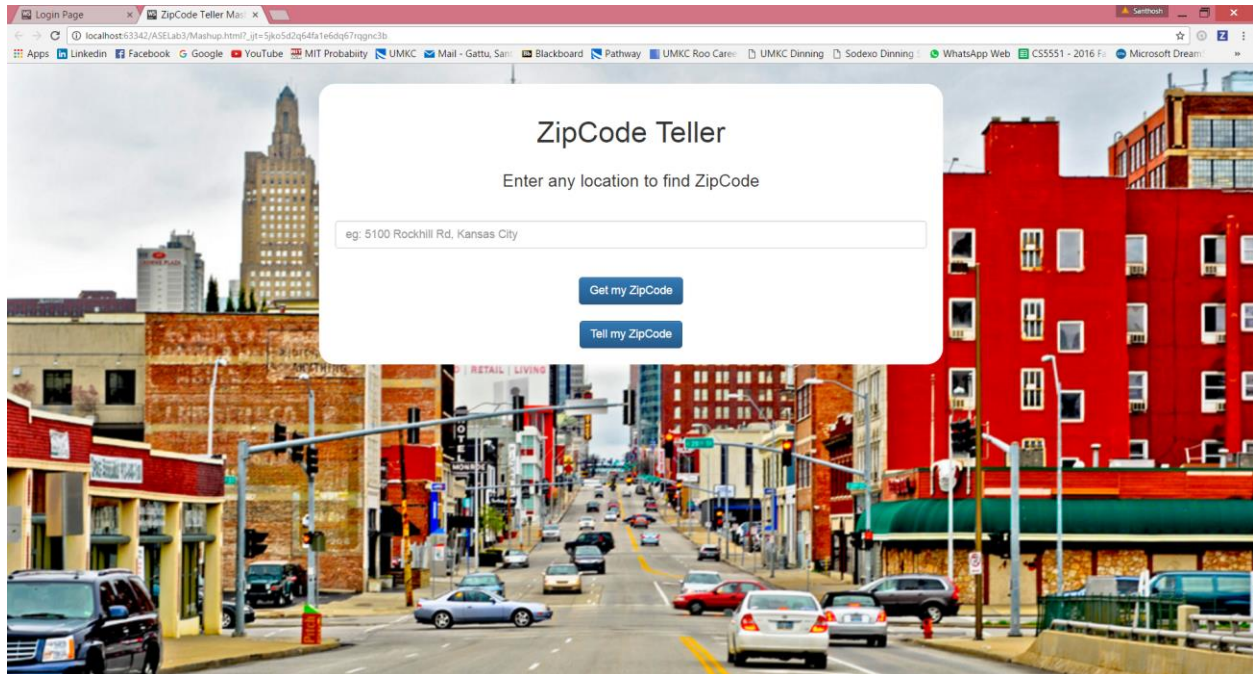


IN the Google sign in page, user can give login credentials and can login to the application.

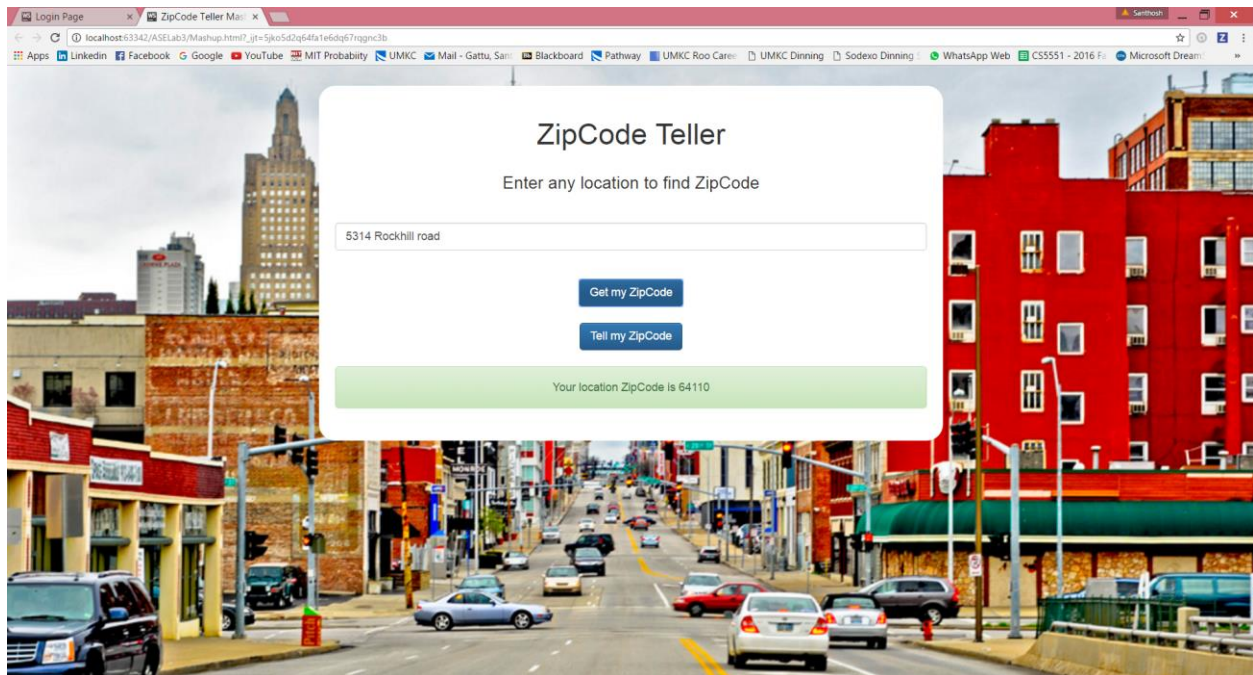


2. Create a Mashup application using at least Two Web Services (refer to the web services from the following link). One of them should be from the list of knowledge services.

Below is the Mashup 'ZipCode Teller' application of Zipcode with text to speech combination. Web page has a text field to enter the location for which Zipcode is to be founded and two buttons, one to display the zipcode and another button to read the result zipcode. For this mashup I have used google map API for getting the zipcode based on given location and IBM Watson services API for text to speech conversion.



We need to enter our desired location for which we want to find the zipcode in the text field and by clicking on 'Get my zipcode' button the application will display the respective location's zipcode.



After getting the desired location's zipcode, if clicked on Tell my Zipcode, application will read the zipcode text like in this example it will read as "Your location Zipcode is 64110"

