**CS5590 APS - Programming for Web/Cloud based Application**

**ASSIGNMENT 2**

**Deadline: 2/16/2018**

**Part1: News App (using API)**

1. Create an app which makes asynchronous calls to the [BBC News API](https://newsapi.org/s/bbc-news-api) and displays the required content. The page should have provision to display news by

a. Topic (e.g.: Bit Coin)

b. Source of news (e.g.: TechCrunch, acm.org, BBC News)

* When the user searches by topic or source or both, the relevant results should be displayed accordingly.
* Each result should at least contain headlines and image of their corresponding articles along with timestamp of published article. On clicking the image, the related article must be displayed in a new tab
* Handle any unexpected values by displaying appropriate message

2. The app should have the following

* 1. A registration page
  2. A login page
  3. A home page (News page)

**Part2: Develop a Tic-Tac-Toe game with Angular JS**

**Steps:**

1. Define an empty board (3\*3) [It can be any m\*m, but minimum 3\*3]

2. Create 2 players [It can be any no of players but minimum 2]

3. Create recursive method to fill the blocks until any of the players wins the game

Marks will be distributed among logic, implementation and UI

**Submission Guidelines:**

1. Submit your source code and documentation to GitHub and represent the work through wiki page properly

2. Comment your code well.

3. Submit **only** a report of your work by defining the problem you attempted to solve and the end output along with the step by step explanation of your approach along with appropriate screenshots and code snippets at Turnitin in UMKC blackboard

4. Remember that similarity score should be less than 15 %

5. Submit the link to your wiki page along with other details in the following link

<https://goo.gl/forms/cDmMhPECPYLAsSSh2>