Topic: 2.2 ExpertSearch System (Automatically crawling faculty webpages)

1. Individual team.
   a. Name: Yunhe Zhang
   b. NetID: yunhez2
2. 2.2 ExpertSearch System (Automatically crawling faculty webpages)
3. Plan to use text classification and the data set of faculty directory pages and faculty webpage URLs from MP2
4. Plan to add a function on the page for user to type in a university website and it automatically crawls the faculty webpages on the given university website. Then searching should be able to show results of the faculty webpages crawled from the given university.
5. My code will leverage the existing searching function to prove the faculty webpages crawled are able to display on the page. Add the automatic crawling logic to the back-end and add the user input UI to the front-end.
6. JavaScript and Python
7. Main tasks (total estimated 24h):
   a. Text classification for faculty directory pages – 6h
   b. Text classification for faculty webpage URLs – 4h
   c. Crawling function that leverages the Text classification – 6h
   d. Add user input UI that sends requests to server to trigger crawling – 4h
   e. Testing, improvement and demo – 4h