Group members:

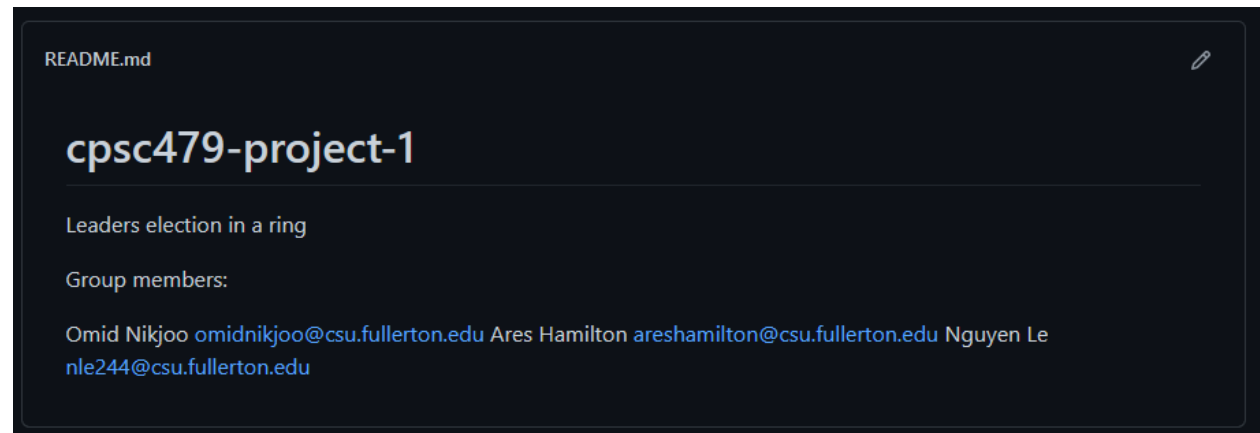| Name	Email
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README.md

cpsc479-project-1

Leaders election in a ring

Group members:

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Running the project
- Compile: gcc compare.c -fopenmp -std=c99
- Running: ./a.out

Screenshots:

Pseudo Code:

```
#get_links.py
#generates show links for each broadcast season.
#one broadcast season consists of a season and year eg: spring 2021

seasons = winter, 'spring, summer, fall
FOR year 2012 to 2021
  FOR season in seasons
    READ show links for each year and season permutation
    WRITE links to csv file
```

```
#get_info.py
#scrapes show info for all show links generated from get_links.py

READ csv file

FOR every link
  INSPECT html code
  READ title
  READ score
  READ studio
  READ source material
  READ genre
  READ themes
  READ demographic
  READ actors

  APPEND title to result
  APPEND score to result
  REMOVE stop words from title
  REMOVE punctuation from title and actors
  APPEND studio, source material, genre, themes, demographic, actors, and
title to result
  WRITE result to CSV

  #compare.c
  #CSV file from #get_info.py will be divided into test.csv and train.csv
  #compares each show in test.csv with all shows in train.csv. If compare
value meets threshold then add to prediction

  READ test.csv
  READ train.csv

  FOR each show in test.csv
    FOR each show in train.csv
      COMPARE test show and train show
        IF COMPARE value > threshold
          ADD train show's rating to test show's prediction sum
          COUNT how many matches

  FOR each test show
    IF test show's matches > 0
```

```
    test show prediction = prediction sum / matches
ELSE
    test show prediction = -1
WRITE prediction to predictions.csv
```