Social Networks in Great Britain

CS4624 Multimedia, Hypertext, and Information Access

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Virginia Tech, Blacksburg, VA 24061, 5/4/22

Team Member:

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Agenda

Recap / Problem
Timeline
Deliverables
Challenges
Recap / Problem

CLIENT

• Professor David Radcliffe
• Department of English at VT

MOTIVATION

• Transform 40,000 XML records into indexed and searchable HTML records
• Archival purposes: unable to use any 3rd party service
Timeline

February
- Wireframes
- Initial work on JavaScript backend

March
- Finished backend, but required 3rd party service to work: scrapped
- Started work on HTML fronted, however needed JavaScript backend: scrapped

April
- Pivot to all in one Java solution
- Combined aspects of previous scrapped projects, but all work from Java

Early May
- Touch up website
- Fix network graph
Deliverables

Pick the letter you’d like to search
A

Choose what search options you’d like
Show individual info…

Do you want to search for a specific individual
Yes

Choose the record
Aaron Burr AaBurr1836

Do you want the output to be a network representation
No

Search

Aaron Burr
Educated at the College of New Jersey founded by his father, he was a political adventurer elected vice-president in 1800; he killed Alexander Hamilton in a duel in 1804.

Born: 1756
Died: 1836

Parents:
- Aaron Burr
- Esther Edwards

Spouses:
- Theodosia Bartow Prevost
- Eliza Bowen Jumel

Children:

Associates:
- Blennerhassett, Harman (1765-1831) HaBlenn1831
- Burr, Aaron (1716-1757) AaBurr1757
- Curran, Amelia (1775-1847) AmCurra1847
- Jefferson, Thomas (1743-1826) ThJeffe1826
- Merry, Anthony (1756-1835) AnMerry1835
- Randolph, Edmund (1753-1813) EdRando1813
Deliverables

- Elizabeth Tufton
  - She was the unmarried daughter and ultimate heir of Sackville Tufton, eighth earl of Thanet (1733-1786). She corresponded with Thomas Jefferson’s daughter Martha (1772-1836).
  - Born: 1768
  - Died: 1849
  - Parents:
    - Sackville Tufton, eighth earl of Thanet
    - Lady Mary Sackville
  - Spouses:
  - Children:
  - Associates:
    - Sackville Tufton, ninth earl of Thanet LdThame9
    - Charles Tufton, tenth earl of Thanet LdThame10
    - Hon. John Tufton Jctufo1799
    - Lady Caroline Barham CBarha1838
    - Henry Tufton, eleventh earl of Thanet LdThame11

- Sackville Tufton
  - The son of the eighth earl (1733-1786); he was high sheriff of Westmoreland, a gambler, agriculturalist, and follower of Charles James Fox.
  - Born: 1769
  - Died: 1825
  - Parents:
    - Sackville Tufton, eighth earl of Thanet
    - Lady Mary Sackville
  - Spouses:
    - Anne Charlotte de Bojanovitz
  - Children:
  - Associates:
    - Lady Elizabeth Tufton ElTufto1849
    - Charles Tufton, tenth earl of Thanet LdThame10
    - Hon. John Tufton Jctufo1799
    - Lady Caroline Barham CBarha1838
    - Henry Tufton, eleventh earl of Thanet LdThame11
    - Brougham, James (1780-1833) JaBrough1833
    - Creevey, Thomas (1768-1838) ThCreeve1838
    - Fox, Henry Richard, third baron Holland (1773-1840) LdHolla3
    - Francis, Sir Philip (1740-1818) PhFranc1818
    - Grey, Charles, second earl Grey (1764-1845) LdGrey2
    - Caroline, Queen, consort of George IV (1768-1821) QuCaroline
    - Courtenay, John (1738-1816) JoCourt1816
    - Creevey, Thomas (1768-1838) ThCreeve1838
    - Erskine, Thomas, first baron Erskine (1750-1823) LdErsk11
    - Ferguson, Robert Cutlar (1768-1838) RoFergu1838
    - Francis, Sir Philip (1740-1818) PhFranc1818
    - Tierney, George (1761-1830) GeTier1830
Challenges / Lesson’s Learned

ARCHIVAL RESTRICTIONS

- Inability to use anything 3rd party
- Stuck with basic Java methods
- Forget how useful React, Node.js, Express, MySQL, etc. are

PRIOR RESEARCH

- Had scouted out potential Java libraries to use before deciding on switching
- Unable to use due to restrictions or them being deprecated:
  - Had previously ran a Java website using an Applet in high school
  - Deprecated in 2016
Thank You

- Acknowledgements
- Client: Professor Radcliffe
- Instructor: Edward Fox