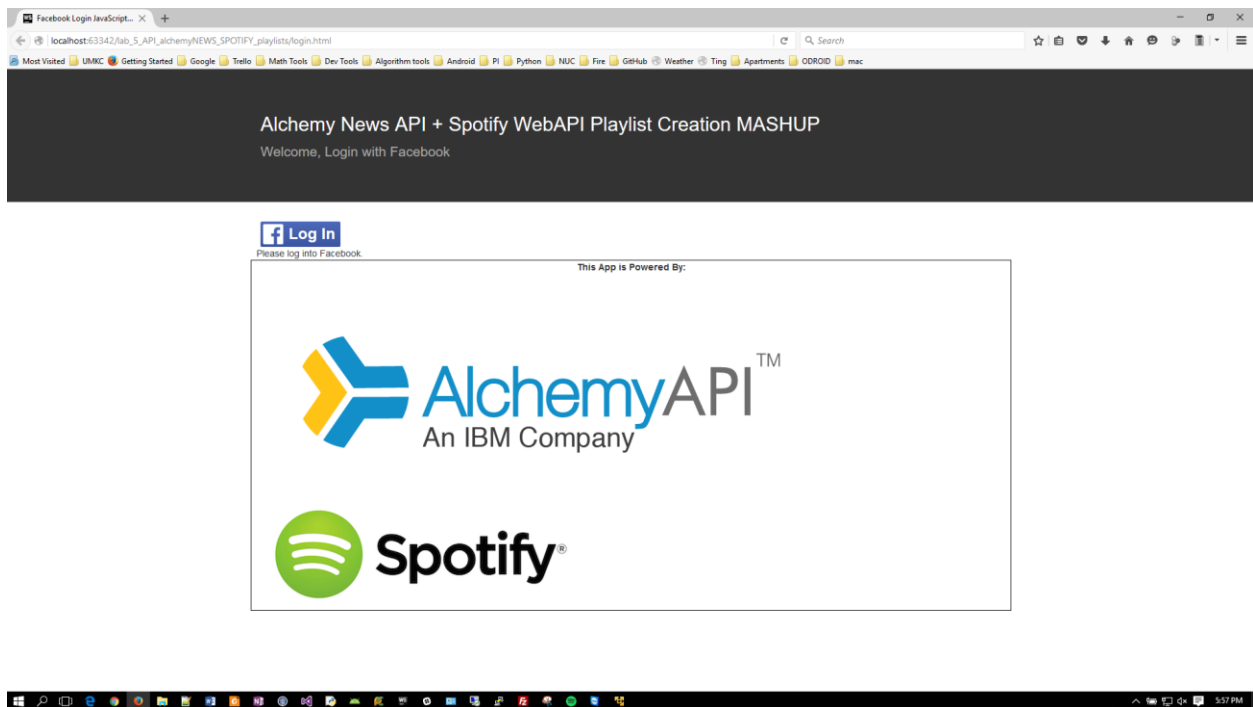


Lab 5 – MASHUP – Luke McDuff

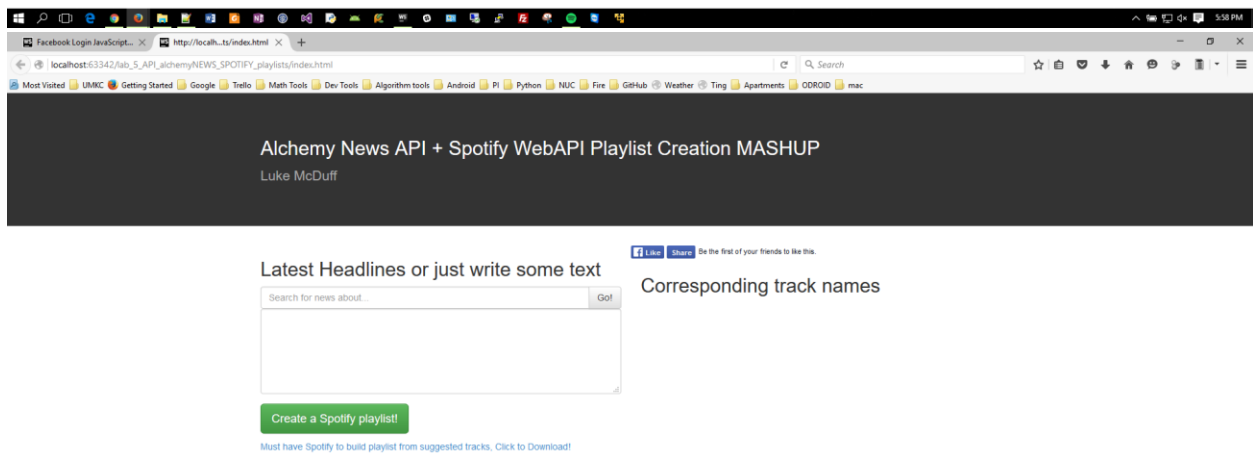
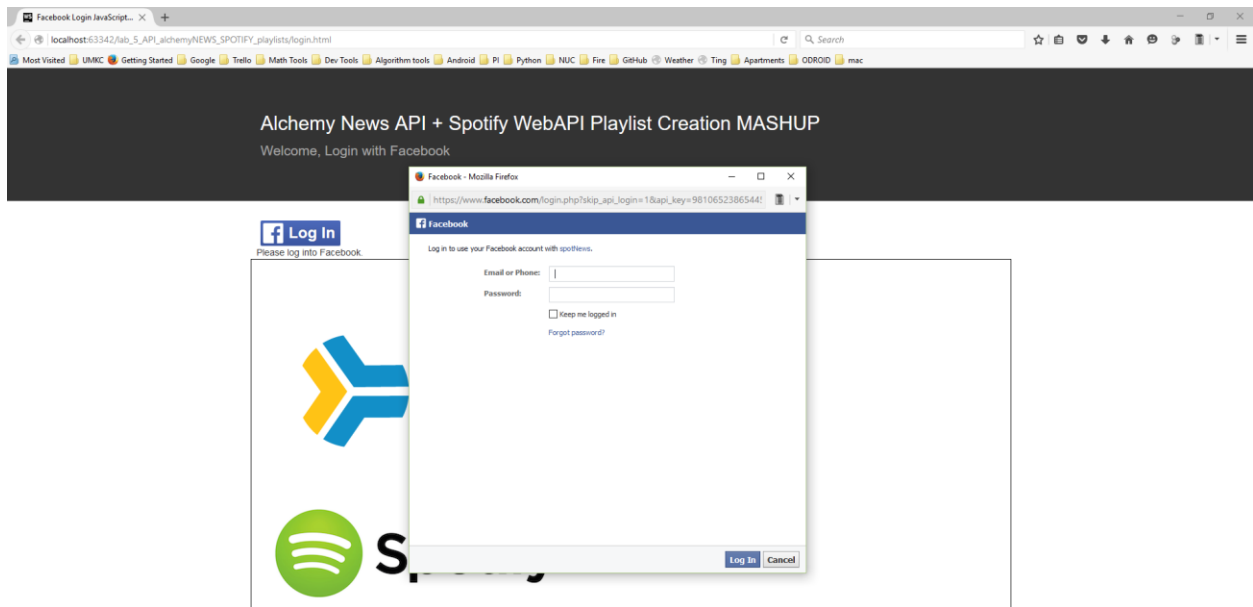
The APIs chosen: Alchemy News API, Spotify Music API

New Service Created: The app explores the idea of creating music playlists from Spotify based on what is happening in the news. The user enters a few words of news they are interested in, this information is sent to the Alchemy API which finds a handful of news articles that are related and returns the titles to those articles. The news titles are then parsed and inserted into Spotify's API that finds songs with titles that match to the words in the news titles. The user can then click the add playlist to Spotify button and have a playlist created with all the songs displayed on the website. In the screen shots the user did a search for "trump" which returned many articles about the billionaire, notice how some of the songs include titles that reference current news stories about trump such: pope francis argument, jeb bush, etc... While this app is not quite refined it seems to be an interesting combination.

Home Screen with option to login with Facebook.



Logging in with Facebook. Below, the login is the actual Homescreen.



Search for “trump”, the Alchemy results are returned in the box below the search, the tracks from Spotify that were matched are on the right

Alchemy News API + Spotify WebAPI Playlist Creation MASHUP
Luke McDuff

Latest Headlines or just write some text

trump

Go!

Donald Trump on Top: Jeb Bush out After South Carolina's Republican Primary; Random Shooting Spree Kills 6 in Kalamazoo; Michigan HRC Statement on Donald Trump's Win in South Carolina Human Rights Campaign Pope Francis: "Donald Trump is a Protestant" Trump wins comfortably in the Republican primary in South Carolina Trump's campaign long ago spread beyond early-to-vote states

Create a Spotify playlist!

Must have Spotify to build playlist from suggested tracks. Click to Download!

Corresponding track names

My Donald
Album: The Balm
Artist: Rachel Unthank And The Winterset

Trump
Album: Panik Anthem Vol 3
Artist: Nicolas Costa

On & On
Album: On & On
Artist: Cartoon

Top
Album: L'oy Is Rage
Artist: Li Uz Vert

Jeb
Album: The Sasquatch Chronicles
Artist: Hogdoggn

Bush
Album: Emotionally Unavailable
Artist: Bill Burr

Out On
Album: Technical Enemy Lab: 5 Years
Artist: Luke Beat

After Love
Album: The January Releases 2016
Artist: Marusz Chodonek



Album: The Sunday Releases 2010
Artist: [Mariusz Choderek](#)



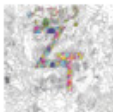
South
Album: [Panorama, Vol. 2 \(The Sound of Chillout\)](#)
Artist: [Lounge Massive Movement](#)



Carolina
Album: [The Golden Echo](#)
Artist: [Kimbra](#)



Republican
Album: [Demo](#)
Artist: [GSD](#)



Primary
Album: [What Are Stitches to a Tough Guy](#)
Artist: [Zt](#)



Random
Album: [The Pleasure Principle](#)
Artist: [Gary Numan](#)



Shooting Bop
Album: [KIRAKIRA RECORD 25th Anniversary Special Historical BOX](#)
Artist: [The Sneakers](#)



Spree
Album: [Pitch-Black Blues](#)
Artist: [Cryhavoc](#)



It Kills
Album: [Do to the Beast](#)
Artist: [The Afghan Whigs](#)



Tower Six
Album: [Lounge Elements, Vol. 8 \(The Sound of Lounge Music\)](#)
Artist: [KZ Oil](#)



All In
Album: [All In/ Aldrig igen](#)
Artist: [Dani M](#)



Kalamazoo
Album: [Wallpaper](#)
Artist: [Blake Pfeil](#)



Michigan
Album: [Michigan \(EP\)](#)

Some of the tracks found: notice
Tracks about **South** and **Carolina**
and **Republican** were found because
of the recent political race in South
Carolina by the republicans.

ARTIST: Doe B



The Pope

Album: Billy And Albert

Artist: Billy Connolly



Francis

Album: Ride Out the Dark

Artist: Houndstooth



My Donald

Album: The Bairns

Artist: Rachel Unthank And The Winterset



Trump

Album: Panik Anthem Vol 3

Artist: Nicolas Costa



He Is

Album: Meliora

Artist: Ghost B.C.



Cry Me a River

Album: Justified

Artist: Justin Timberlake



Protestant

Album: Music for Strippers, Hookers, and the Odd On-Looker

Artist: Kristeenyoung



Trump

Album: Panik Anthem Vol 3

Artist: Nicolas Costa



More Wins

Album: Lord Steppington

Artist: Step Brothers



Comfortably Numb

Album: My Better Self

Artist: Dar Williams



All In

Album: All In

Artist: Kartellen

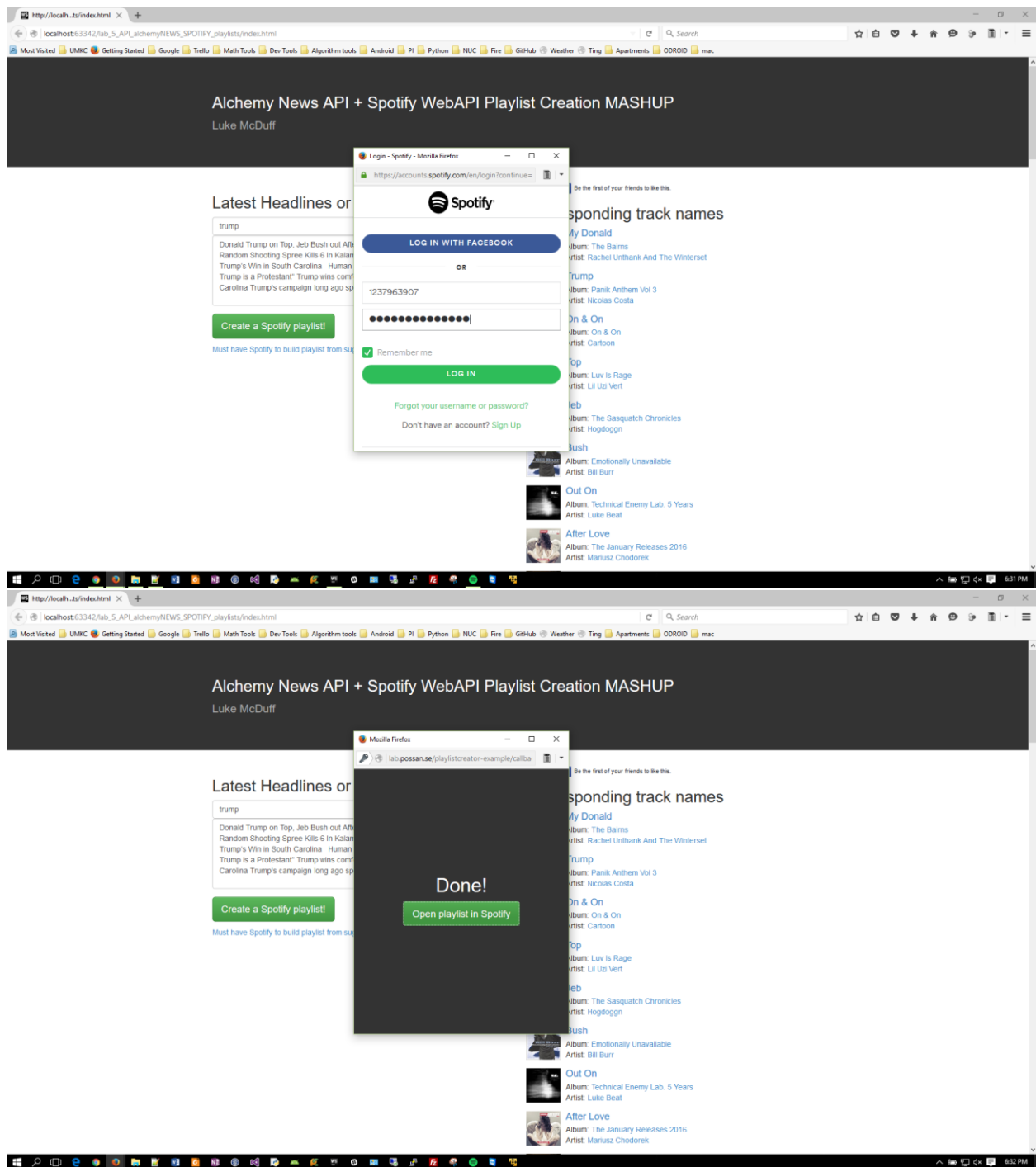


The Man

Album: Lift Your Spirit

Artist: Lift Your Spirit

More tracks found: Notice that tracks about the Pope And Francis and Trump and Protestant were found. In the news Trump recently was arguing with the Pope. Trump is also a protestant.



After logging into Spotify, the user can click open playlist in Spotify, which opens the computer app and saves the playlist to the users account.