

# Project Part 1 - Group 6

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Title: Quitter - (Query Twitter)

Description: An application that allows us to store, view, and analyze twitter data based on a variety of topics and hashtags. The display will be some kind of chart that shows the frequency of tweets.

Platform/Environment: Web Application with Django (Python) Backend with a MySQL/Mongo Database.

Programming Languages/Frameworks:

Language	Nika Shafranov	Bryce Strickland	Ahmed Almutawa	Loic Guegan	Rishab Kanwal
Python	Intermediate	Intermediate	Intermediate	Intermediate	Expert
Java	Beginner	Beginner	Intermediate	Intermediate	Intermediate
HTML/CSS	Intermediate	Beginner	Expert	Expert	Intermediate
JavaScript	Beginner	Intermediate	Expert	Expert	Beginner
Mongo	Beginner	Beginner	Beginner	Beginner	Beginner
Django	Beginner	Beginner	Beginner	Beginner	Intermediate
Android	Beginner	Beginner	Intermediate	Intermediate	Expert

Functionality:

- Query tweet data using Simple web page
- User login and registration
- User can choose which hashtags they want to view
- Users can choose to grab real time data based on a Hashtag
- Persistence of older tweet data deemed important by us when we are developing the app
- Sorting tweets based on different attributes
- Sorting of Tweet attributes is displayed using a charting library (Highcharts)
- Working API that formats objects as JSON for easy use with JS front end
- Mobile app(Android and maybe iOS)

[Optional] Stretch Functionality:

- User can link twitter account to their user account
- User can save old tweet queries
- Dealing with geo-tagged tweets
- Adding other social media sites to our application