



### Steps of the 'happy path'

- User chooses twitter
- Send app request
- Return app token
- Redirect to twitter
- Login request with token
- Twitter authentication
- Store session id
- Send API request
- Return API token
- Send API request
- Return API token
- Complete
- Redirect with session

### Things that can go wrong

- If the twitter authorization fails, go backs to the log in page with the error message.
- If there's not enough information for the API request, it returns the error message.

### Why we chose Python / Mongo DB

- We chose Python (flask) because it is simple and our web app isn't very complicated. Also, most of the API we used like IBM Watson had a lot of API documentation for python which made it easier. We used Mongo DB because we didn't want a relational database. Plus, our database will be formatted as a key/value pair anyway (user/userdata).