

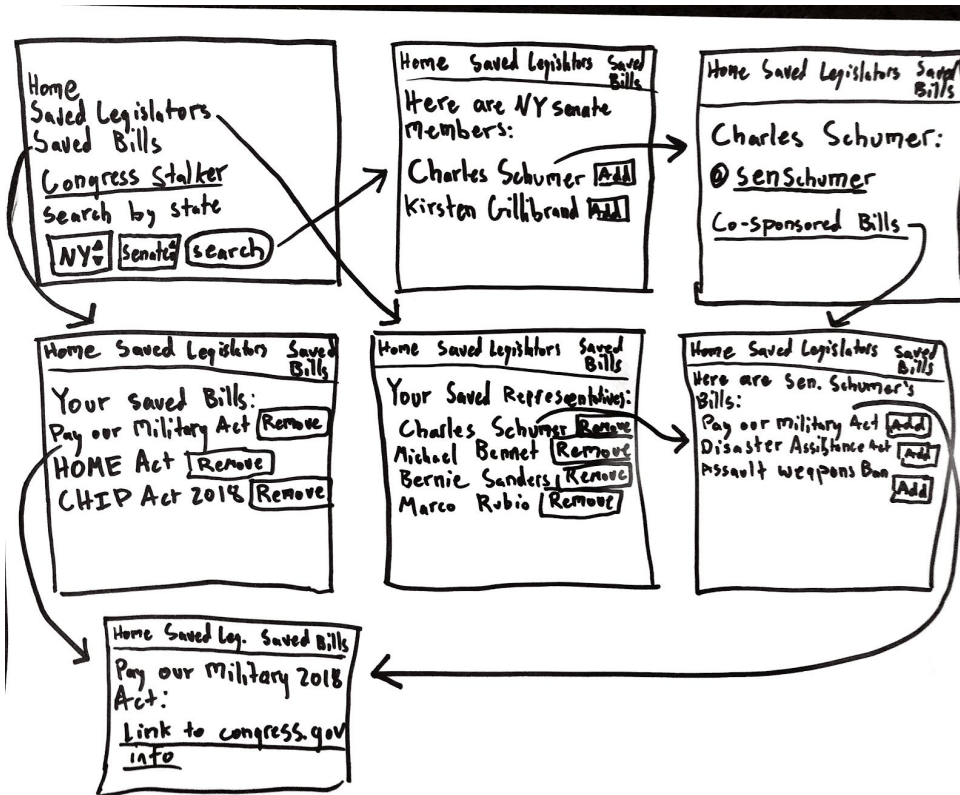
# Planning Documentation - Congress Stalker - William Cramer and Calvin Hansen

Software Engineering

## 1) Description of the App

- a) Congress Stalker is a dynamic app in which the user can research information about their local representatives. In our increasingly polar day and age, this program can help inform voters on what really goes on in Washington. Users can search for members of the House and Senate by state. This search will return the names of representatives, whom they can proceed to add to their list of saved representatives. They can click on the politicians' names to view their party affiliations, their twitter handles, and the bills they've been involved with. Additionally, users may save bills. Users may return to their saved information at any time.

## 2) Wireframes for each view



## 3) App Architecture Diagram



## 4) Data Model for Legislators

legislators, obj array:

```
{ id, string  
  first_name, string  
  last_name, string  
  party, string  
  twitter_id, string }
```

## Data Model for Bills

bills, obj array:

```
{ id, string  
  title, string }
```

## 5) RESTful Routing table that lists all routes

Route	HTTP Verb	Body	Result
/	GET	empty	Redirect to /legislators
/legislators	GET	empty	Render index.ejs
/legislators	POST	empty	API call and render legislators.ejs
/legislators/:id	GET	empty	API call and render show_legislator_detail.

				ejs
	/legislators/:id	POST	empty	API call, add a legislator, and redirect to /legislators
	/legislators/:id	DELETE	empty	Delete saved legislator
	/bills/:id	POST	empty	API call, add a bill, and redirect to /legislators
	/bills/:id	DELETE	empty	Delete saved bill