

Sudo rm -rf / Politifind

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Overview:

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Github: <https://github.com/arbass22/politifind>

User Interface: Must make sure to pip install algoliasearch_django

Data Model: The following diagram is our updated data model for Politifind with the following descriptions:

Profile: Includes authentication fields for the django User as well as information about this user's politifind profile.

Politician: Represents a member of congress in either the house or senate.

Bill: A congressional bill.

PoliticianVote: Indicates how a specific Politician voted on a specific bill.

UserVote: Indicates how a specific politifind user voted on a specific bill.

Committee: Represents a committee in congress.

SubCommittee: Represents a subcommittee of an existing politifind Committee object.

CommitteeMembership: Indicates that a specific Politician is a member of a specific Committee.

BillCommittee: Indicates that a specific Committee introduced a specific Bill.

BillSponsorship: Indicates which Politician sponsored a specific Bill.

BillAction: An action that has happened on a specific Bill.

UserPoliticianSubscription: Indicates that a politifind user subscribed to a specific Politician.

UserBillSubscription: Indicates that a politifind user subscribed to a specific Bill.

UserCommitteeSubscription: Indicates that a politifind user subscribed to a specific Committee.

Profile user: OneToOneField(django auth User) name: CharField email: CharField party: CharField picture: CharField	UserCommitteeSubscription user: ForeignKey(Profile) committee: ForeignKey(Committee) date_subscribed: DateField	UserBillSubscription user: ForeignKey(Profile) bill: ForeignKey(Bill) date_subscribed: DateField
Politician pid: CharField name: CharField party: CharField picture: CharField state: CharField title: CharField twitter: CharField facebook: CharField youtube: CharField dob: DateField missed_votes_pct: FloatField votes_with_party_pct: FloatField	UserVote user: ForeignKey(Profile) bill: ForeignKey(Bill) vote: CharField date_voted: DateField comment: CharField	UserPoliticianSubscription user: ForeignKey(Profile) politician: ForeignKey(Politician) date_subscribed: DateField
	PoliticianVote politician: ForeignKey(Politician) bill: ForeignKey(Bill) vote: CharField date_voted: DateField	SubCommittee sid: CharField name: CharField parent: ForeignKey(Committee)
	BillSponsorship bill: ForeignKey(Bill) politician: ForeignKey(Politician)	CommitteeMembership committee: ForeignKey(Committee) politician: ForeignKey(Politician) relationship: CharField
Bill bid: CharField code: CharField name: CharField status: CharField subject: CharField summary: CharField latest_action_date: DateField latest_action: CharField sponsor: ForeignKey(Politician) total_yes: IntegerField total_no: IntegerField	BillAction bill: ForeignKey(Bill) action: CharField action_date: DateField	BillCommittee bill: ForeignKey(Bill) committee: ForeignKey(Committee)
	Committee cid: CharField name: CharField chair: ForeignKey(Politician) ranking_member: ForeignKey(Politician) chamber: CharField	

URL Routes/Mappings:

route	name	description
r'^\$',	index	route users to the home page
r'^bill/(.*)/\$'	bill	individual bill page
r'^politician/(.*)/(bills votes)*'	politician	individual politician page
r'^politicians/\$'	politicians	list of all politicians
r'^bills/\$'	bills	list of all bills
r'^committee/(.*)/(bills subcommittees)*\$'	committee	individual committee page
r'^committees/\$'	committees	list of all committees
r'^profile/\$'	profile	user's profile page
r'^search/\$'	search	display's search results
r'^accounts/'	accounts	adds login/logout/etc urls
r'^vote/(.*)/(yay nay)*'	vote	view individual vote page
r'^subscribe/\$'	subscribe	user can subscribe
r'^unsubscribe/\$'	unsubscribe	user can unsubscribe
r'^profile/update/'	update profile	have a user update their profile page

Authentication/Authorization:

Team Choice:

Conclusion: