Docker

Document Search Engine

Introduction :

Document search engine where students can find required document. This is clone of Google search engine where student finds documents with filtering and based on search queries.

Purpose :

Document Search engine is a web platform which can be used by Institute and organizations where people can upload documents and when required people can search for documents by applying filtering ( like author , tags, downloads , dates uploaded) and download it.

Scopes

* Teachers can upload documents on the application
* Students can search required documents by filters and download it.
* Organization can use analytics tool.

Tools Used

* Django 1.9 Python Framework
* Django Rest Framework API
* AngularJs
* Bootstrap 1.8
* HTML 5 , CSS , JavaScript

References

* Django Documentation - <https://docs.djangoproject.com/>
* Django REST framework – [www.django-rest-framework.org/](http://www.django-rest-framework.org/)
* Bootstrap - <http://getbootstrap.com/>

Technologies to be used

* Relational Database Management System
* REST API

Software Interface :

- The web is used to interface.

- Web Browser ( Chrome, Firefox , Opera , Safari )

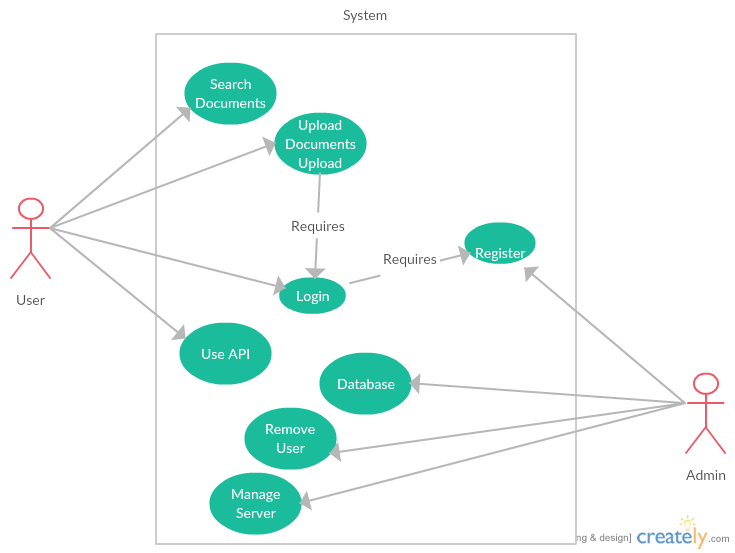
Hardware Requirements :

* No special Hardware requirements.

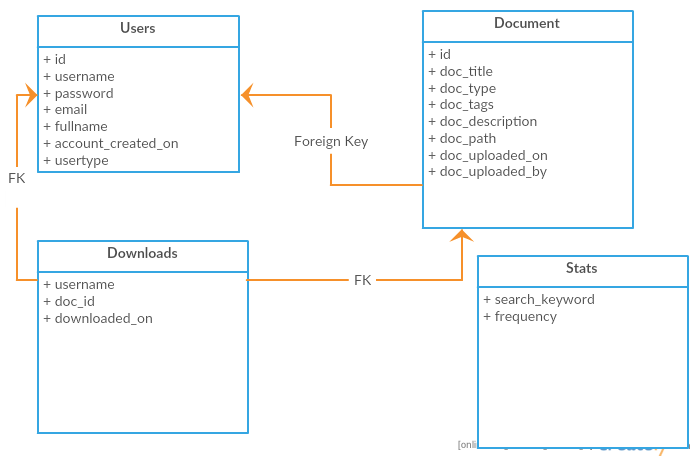
Performance Requirements :

* A Powerful Server . Data accesses is via API calls that leads to load on server.
* Good Hard Disk to store documents. Fast and Big.

Use-case Reports



Class Diagram :



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