



Computer Science, Oscar A Yannelli, 2017, Summer

Virtual Roll Call

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Problem

As an supervisor, I have certain information that I need that the officer in the street get access to. I need to be sure that the officer saw the information posted in the system and make him accountable. I also need to remove all the documents that older than 10 years

Solution

1. The solution is a system where the supervisor can post all the necessary documents and the officer can see the posted documents. If the officer is on vacation, when he/she return can go to archive and check and mark the documents and be put it to the day

Current System

The system that we are using is the web, in this way it does not matter where the officer is, or what operation system is using he/she can always check the information and mark the documents as read.

Screenshots

Screenshots are to be relevant to the problem and solution statement.

Officer Name	Document Name	Log Date	Uploaded Date	Started	Completed	Duration	Status
	new doc		2017-06-29				Pending
Juan Gonzales	docnew123	2017-07-06 13:15:...	2017-06-29	2017-07-06 13:15:...	0000-00-00 00:00:...		Reviewed
Juan Gonzales	screen shot	2017-07-06 13:15:...	2017-06-24	2017-06-24 18:11:...	2017-07-06 10:08:...	1007811 Sec	Done
Juan Gonzales	screen shot	2017-06-24 18:11:...	2017-06-24	2017-06-24 18:11:...	2017-07-06 10:08:...	1007811 Sec	Done
Juan Gonzales	doc	2017-06-29 13:31:...	2017-06-24	2017-06-24 18:05:...	2017-07-06 10:08:...	1008181 Sec	Done
Juan Gonzales	screen shot	2017-06-29 13:32:...	2017-06-24	2017-06-24 18:11:...	2017-07-06 10:08:...	1007811 Sec	Done
Juan Gonzales	doc	2017-07-06 10:08:...	2017-06-24	2017-06-24 18:05:...	2017-07-06 10:08:...	1008181 Sec	Done
Juan Gonzales	screen shot	2017-07-06 10:08:...	2017-06-24	2017-06-24 18:11:...	2017-07-06 10:08:...	1007811 Sec	Done
Juan Gonzales	screen shot	2017-06-24 18:11:...	2017-06-24	2017-06-24 18:11:...	2017-07-06 10:08:...	1007811 Sec	Done

Deletion of the archive documents

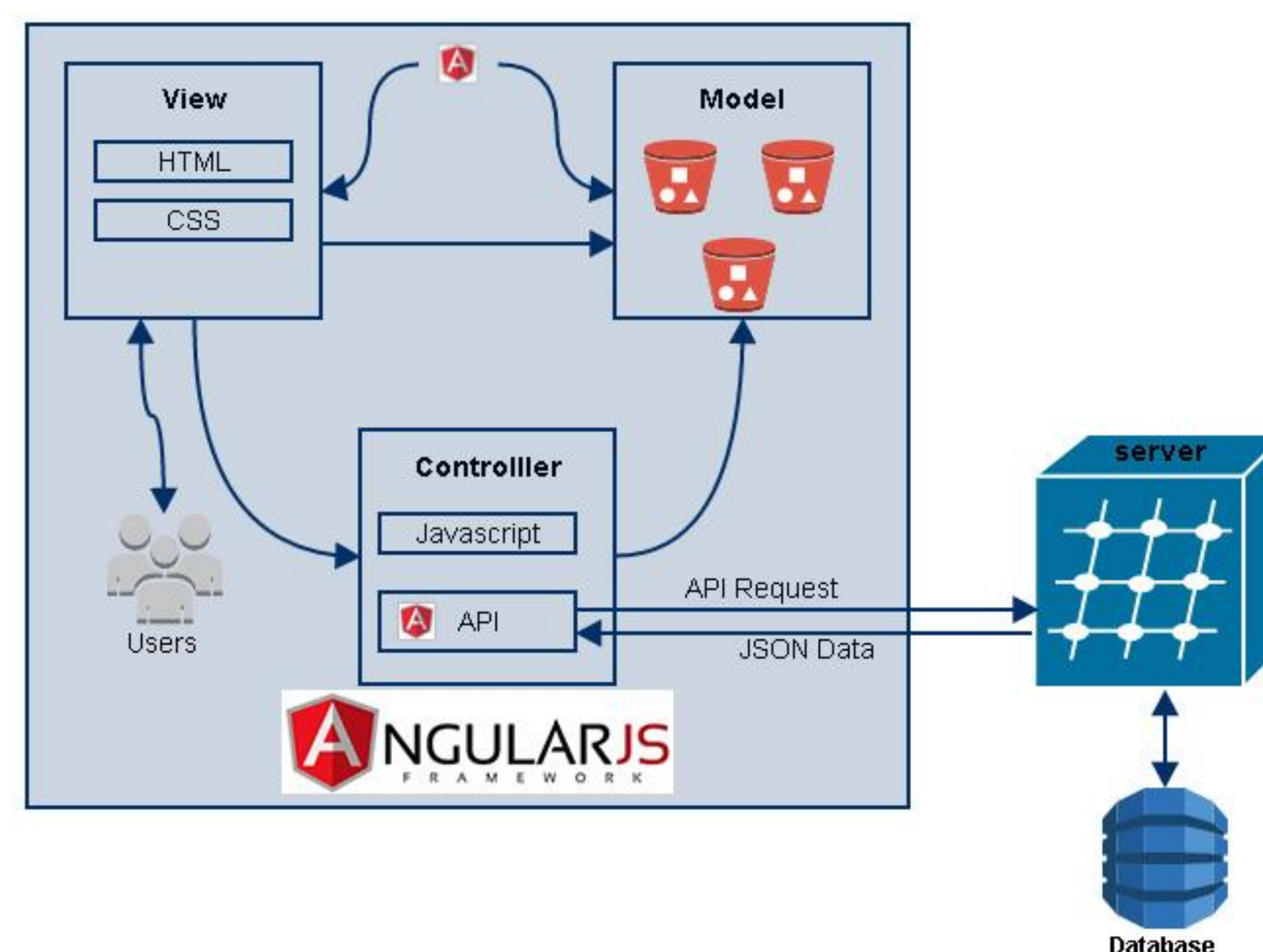
From to

Files deleted

Requirements

For both the supervisor and the officer a computer with internet/intranet capability is necessary. The officer need a user and a password in order to access the information. Once the officer clicks on the document the information that the officer saw the document will be recorded on the system

System Design



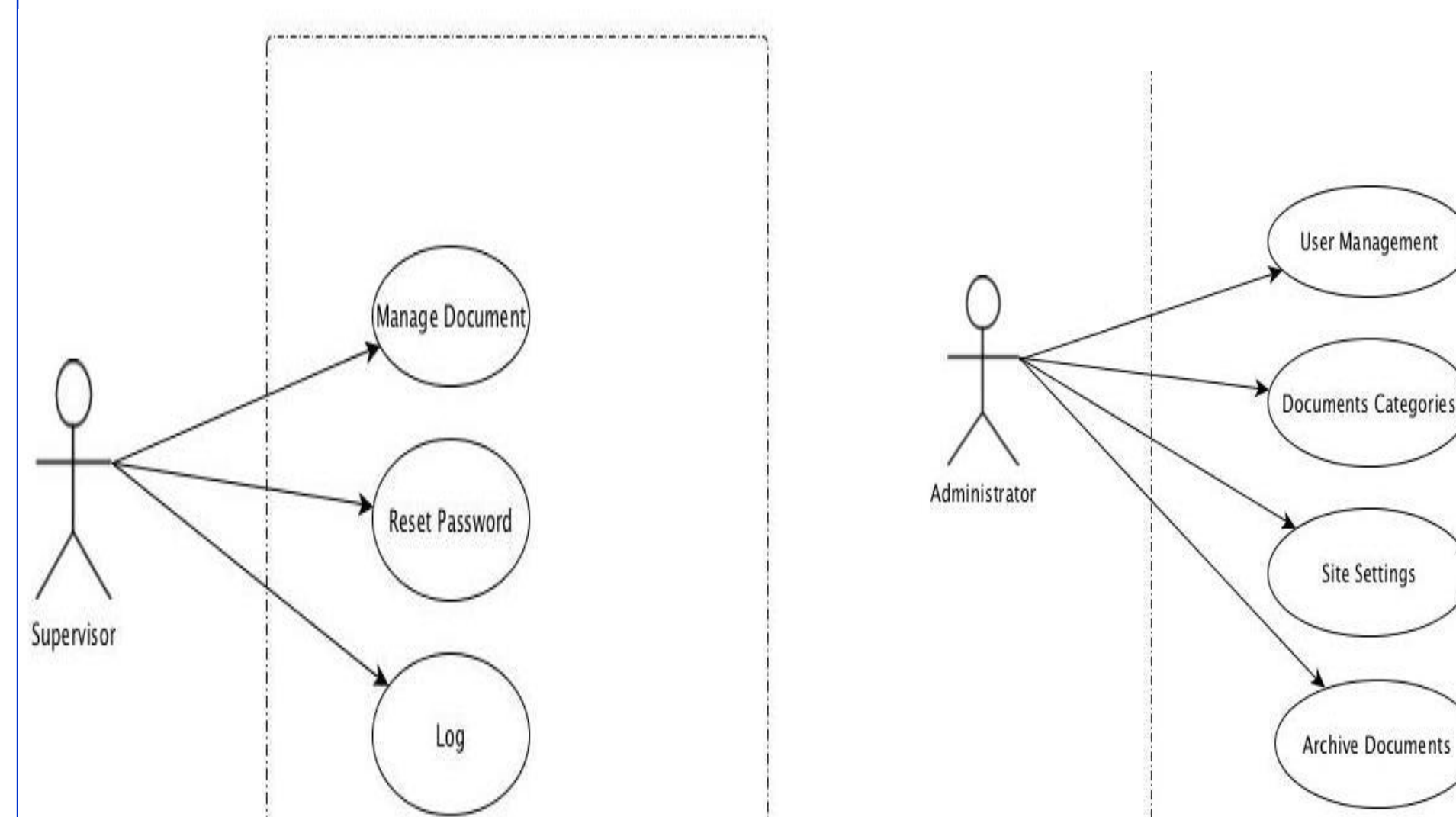
Implementation

Front-end: HTML5, CSS3, Bootstrap CSS, Bootswatch Theme
 Front-end Framework: Angular JS
 Backend API: PHP
 Database: MySQL
 Web Server: Apache HTTP
 OS: Ubuntu Linux

Verification

Use case 244 Log
 Every time an officer clicks on a document the information of the officer the date and the document is saved in the database, The Officer click several document and the log page show all the entries of the officer.

Object Design



Summary

This is a great App that can be used it no only for the police department but for any organization that need to share information and have confirmation that the document was read. This app is now underdevelopment but can reach unlimited high if it developed

Acknowledgement

The material presented in this poster is based upon the work supported by the Pinecrest Police Department am thankful to the help that I received from my Co-Student-Partner Eric Fernandez