



**S R I N S O F T**

**Case Study**  
**Angular JS**

# Case Study

## Client Background

Client is an employee Management Company with innovative workforce management technologies. They offer automated, fully hosted solutions designed to help agencies to provide their clients with excellent service. The Client provides everything to manage a workforce in a workforce technology solution customized to fit the business.

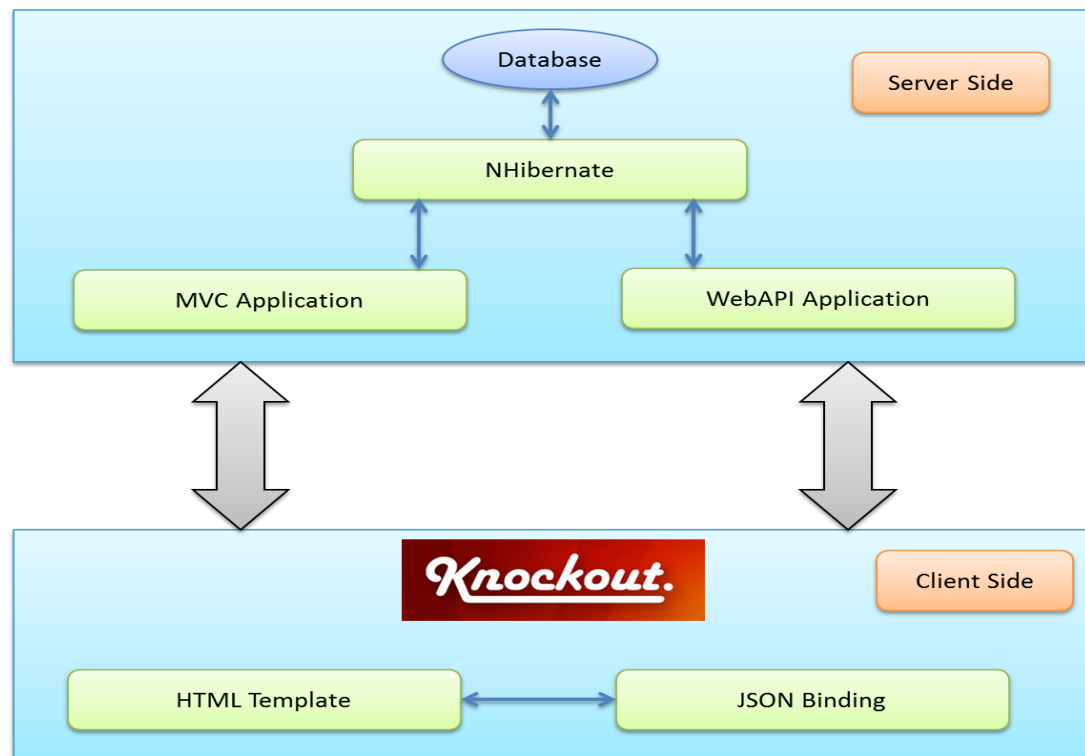
## Objective

The main objective of harmony mobile responsive is to make the application -

- Responsive so that an user can view and manage timesheet in any of the devices (desktop, mobile, tablet)
- Support all the modern as well as old browsers (from IE8)
- Replace the existing Knockout JavaScript to Angular JavaScript for increasing the load time(performance tuning)

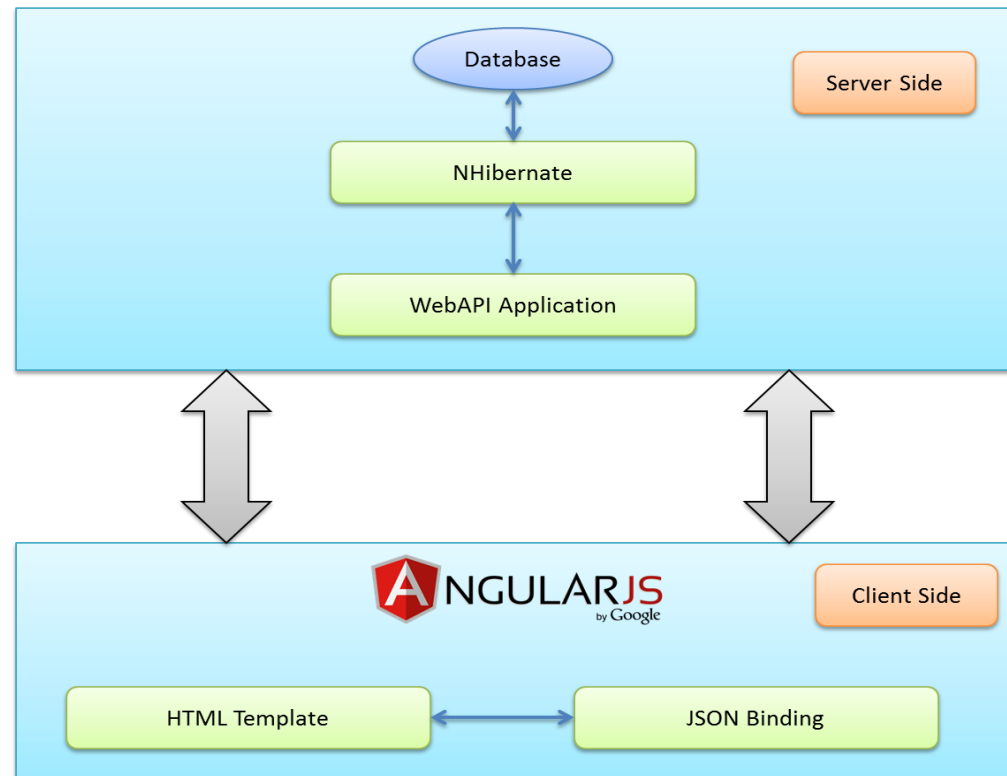
# Business Challenge

- The application was not responsive.
- Processing time (performance) was on the lower side.
- The application has an old design which does not fit to mobiles and tablets.
- The application was not compatible with all the latest browsers.
- The application does not have drag and drop for attaching documents(invoice and approval attachments)



# Project Solution

- Implemented bootstrap to make application responsive
- Implemented Angular JS to overcome all performance related issues.
- New design changes have been implemented for both desktop and mobile.
- The application now supports all the latest browsers.
- The application now supports drag and drop option to attach documents (invoice and approval attachments).
- The application is now designed as a single page application.



# Customer Benefits

- The application has a new colorful design which attracts the user, also user can easily understand the status based on the color (every color has a status, ex: blue for 'saved', red for 'rejected').

< Dec 1 - Dec 7 2015 >

Site / Assignment	Mon 12/1	Tue 12/2	Wed 12/3	Thu 12/4	Fri 12/5	Sat 12/6	Sun 12/7	Total	Actions			
<b>US Postal Service - Hours/Day</b> Mail Sorting & Delivery 567-98KT-PRS45	5.00	5.00	5.00	5.00	5.00	5.00	5.00	<b>35.00</b>			Worked Yes <input type="checkbox"/>	Saved <input type="button" value="Submit Work"/>
<b>Roundhouse Grill House</b> Kitchen Appliance Compliance Engineer 00-5OASDF	8	8	9	9.50	9	3	3.25	<b>49.75</b>			Worked Yes <input type="checkbox"/>	Saved <input type="button" value="Submit Work"/>
<b>Betty's Barber Q</b> Dishes Maintenance 9877-IVH-54IKJ5	18.00	18.00	18.00	18.00	18.00	10.00	10.00	<b>110.00</b>			Worked Yes <input type="checkbox"/>	Saved <input type="button" value="Submit Work"/>
<b>Betty's Barber Q</b> Dishes Maintenance 9877-IVH-54IKJ5	Regular Hours 7	5	5	5	10	5	10	<b>47.00</b>			Worked Yes <input type="checkbox"/>	Saved <input type="button" value="Submit Work"/>
<b>Roundhouse Grill House</b> Kitchen Appliance Compliance Engineer 00-5OASDF	8	8	9	9.50	9	3	3.25	<b>49.75</b>			Worked YES	Approved
<b>⚠ There is an inappropriate amount of time for this week, please fix right away.</b>												
<b>Roundhouse Grill House</b> Kitchen Appliance Compliance Engineer 00-5OASDF	8	8	9	9.50	9	<b>3</b>	0	<b>46.5</b> hours			Worked Yes <input type="checkbox"/>	Rejected <input type="button" value="Submit Work"/>
Totals	36	34	37	38.5	42	19	21.5	228.00				

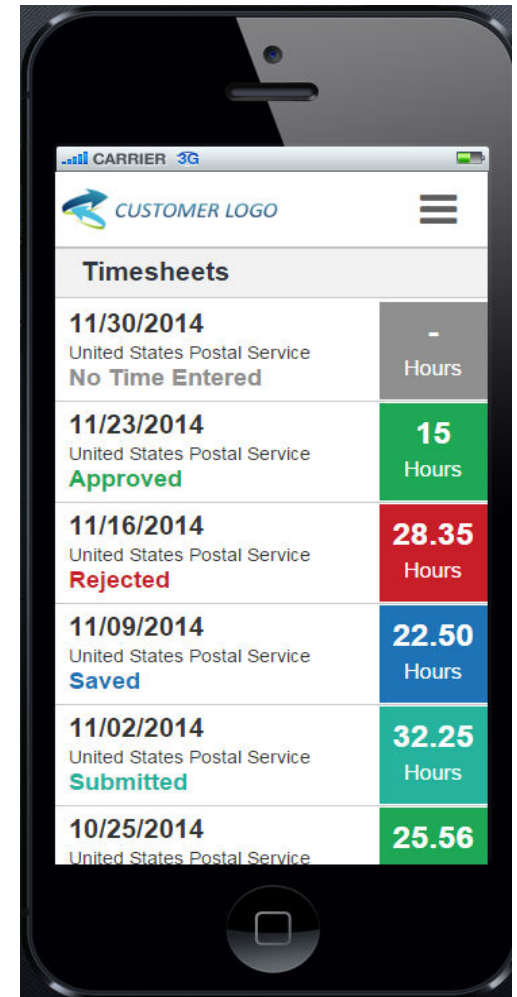
- Performance has been now been increased compared with previous versions of the application.

# Customer Benefits

- The application is now responsive which supports all the devices (mobile, tablets, Pc's).
- Single page application SPA

## Technology Used:

- Bootstrap 3
- Angular JS 1.3.2
- MVC 3.0
- Web API
- Fluent N-Hibernate for data mapping
- Log4net for logging output/errors
- SQL server 2013 for data



Date	Status	Hours
11/30/2014	No Time Entered	-
11/23/2014	Approved	15
11/16/2014	Rejected	28.35
11/09/2014	Saved	22.50
11/02/2014	Submitted	32.25
10/25/2014		25.56

# Contact Us

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**Thanks**