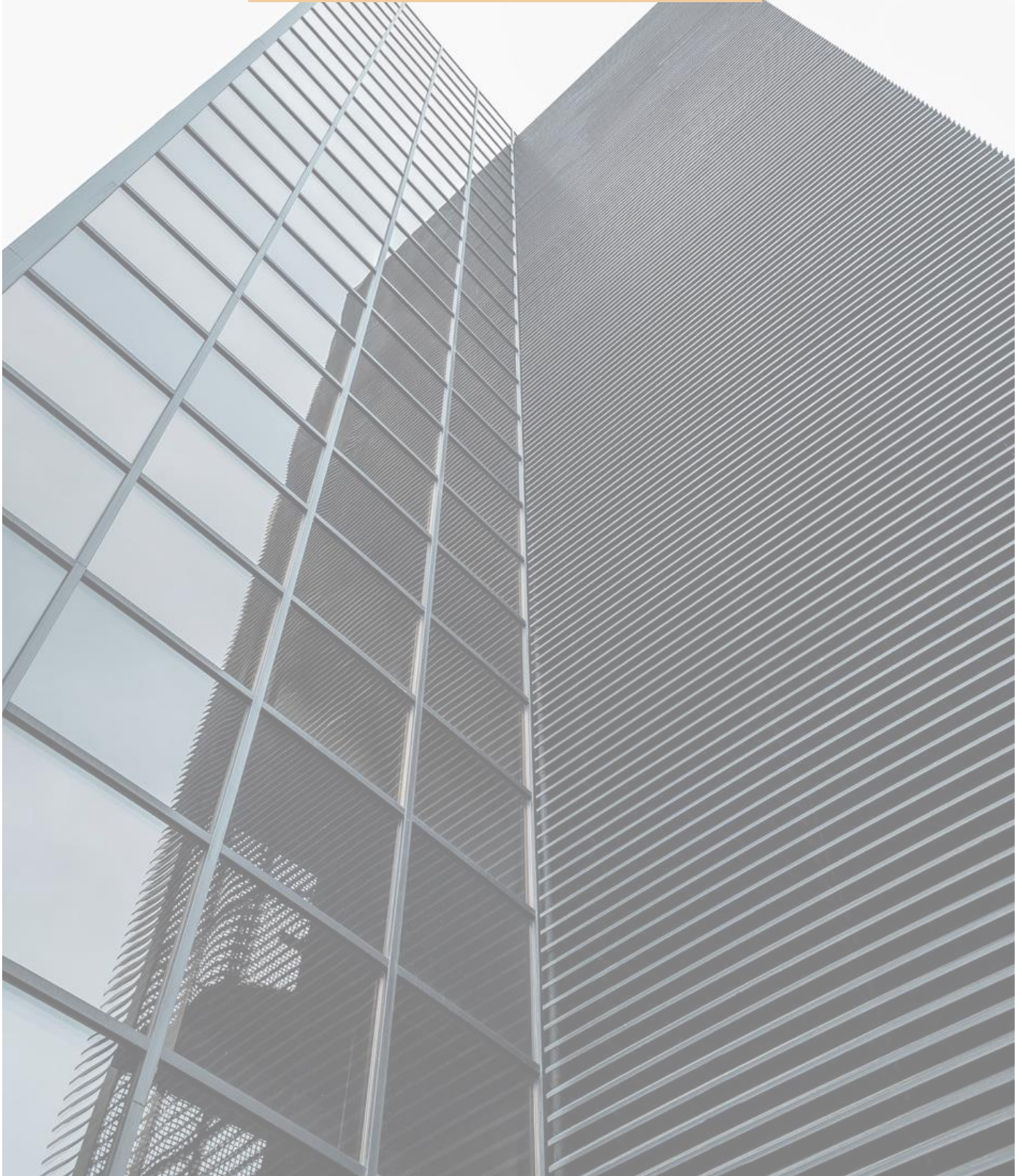# ANGULAR JS

Case Study

INTRODUCTION

SrinSoft, a rapidly growing IT Consulting company specialized in helping customers manage the convergence of Digital IT and Engineering Services with seamless automation and distinctive products. With an ISO 9001:2015 accreditation, our unique industry-based, consultative approach helps clients build and run more innovative and efficient businesses.

SrinSoft with more than 400+ seasoned IT professionals, distinguished Design & BIM Engineers, Automation Specialist and operations in USA, Dubai, Europe, Australia and India (Chennai, Bangalore, Pune & Hyderabad), strives as the customer's trusted partner in managing their technical complexities and providing the best possible solutions.

Technology Partners

CLIENT DETAILS:

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 end-to-end workforce management customized for specific business.
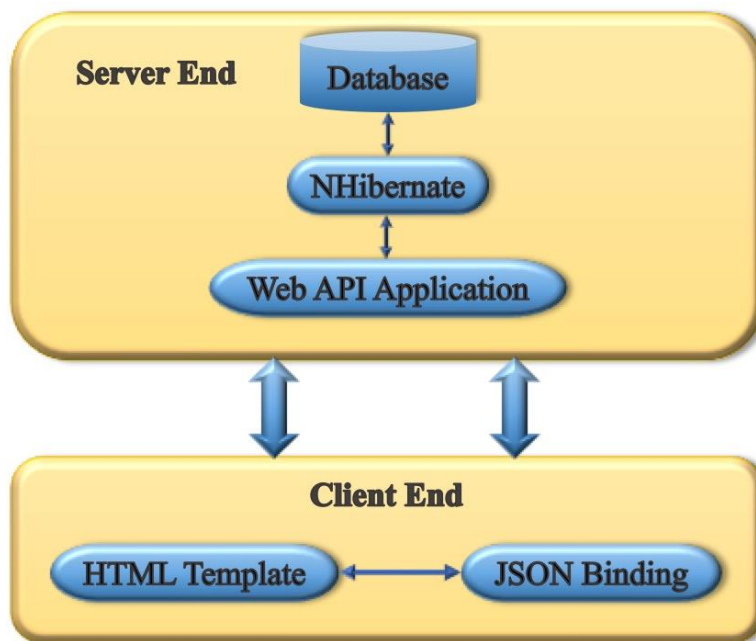
Objective:

The objectives of Harmony Mobile Responsive is to make the application -

- Responsive so that a user can view and manage the timesheet from any type of mobile or stationary device
- To make it compatible for all browsers regardless of versions, old or Modern (from IE8)
- To replace the existing Knockout JavaScript to Angular JavaScript to increase the load time for performance tuning

Business Challenge:

- The existing application was not responsive
- Processing time especially performance was not optimal
- The application was running on an old technology which was not compatible for mobiles, tablets and iPads.
- The existing application was not compatible with upgraded browsers.
- The existing application did not have drag and drop option for attaching documents.

```
Server End          Database
                       ↕
                   NHibernate
                       ↕
                Web API Application

                   ↕        ↕

Client End

HTML Template  ←→  JSON Binding
```

Solution:

- Implemented Bootstrap to make application more approachable.
- Implemented Angular JS to overcome all performance related issues and to make the processing time optimal
- New design supports all updated browsers and also is compatible to run this application for both desktop and mobile versions.
- Implemented application supports drag and drop option to attach relevant documents such as invoice, approvals etc.
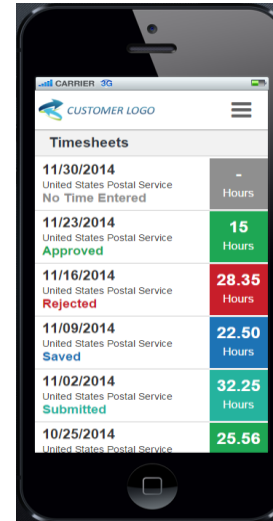- Exclusively designed as single page application

Customer Benefits:

- The application has a new intriguing UI which attracts the user and also eliminates complications, the user can also identify the status based on the color (every color has a meaning, ex: Blue for 'saved', Red for 'rejected')
- Performance has now been increased compared to the previous versions of the application.

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

Business Benefits:

- Effective tracking of Employees timesheet
- Elimination of complications

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

Let's Connect
We'd love to help you start exceeding your business goals

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