

# UI Developer Problem Statement

## Business Problem:

Pramata helps mature technology companies solve revenue leakages in existing commercial relationships. The key to solving this is to digitize relevant information from contracts & map this to external data like Billing data (if required).

Commercial relationships (or a Customer) evolves over time, and especially in mature tech companies it becomes difficult for sales users to keep track of this evolution.

## Solution:

By leveraging digitized information from contracts that belong to a commercial relationship, it is possible to visualize this evolution over time. A timeline will summarize this evolution, and would help a sales user to navigate through the exact changes at a given point in time in a logically sound fashion.

## Task:

Build the below page with the following components:

1. Timeline View
  - a. Ability to focus on a year leveraging the horizontal bar
    - i. Shows the earliest effective date (start date of a contract)
    - ii. Shows interim effective dates of subsequent contracts
    - iii. Shows last calculated end/expiration date of customer.
  - b. Vertical timeline focused on the selected year.
    - i. Can be scrolled up or down (despite of selection)
    - ii. Each event on a date shows a summary of that event as shown in the grey box.
      1. The summary box may contain 3 kinds of information
        - a. ADD : when a data/clause is added by a contract
        - b. CHANGE: when a clause replaces an existing clause
        - c. DELETE: when a contract deletes existing clause

## Technical details

You are free to use any CSS libraries and JS framework like React JS, Angular JS etc wherever required.

When you come to interview you should walk us through the UI flow, design concept and decisions, if required code level details.

Please build this in your own laptop and get the working application during interview



Relationship  
< **National Bank** >

Overview

Document Family

**Timeline**

Documents

Alerts

**Solutions**

Account Research &  
Renegotiation

Billing Accuracy

## Timeline

Select focus year

2003      2005      2008      2010      2018      2019      2021      2022  
Start      +1      +3      +5      Today      Renewal      Renewal      Last  
Renewal

2018  
**July 30**

**Quote #33 : Colocation**  
+ 30 Products & Services Sold  
+ 1 Price Increases  
~ Agreement Term

2010  
**Dec 30**

**Quote #32 : Colocation**  
~ 20 Products & Services Sold  
x 10 Products & Services Sold

2010  
**Oct 3**

**Amendment**  
+ Limitation of Liability  
~ Late payment penalty  
x Termination Rights

### Late payment penalty

#### Info:

Amended clause from "Quote #21 :  
Colocation"

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