**RollOff**

We will have to accomplish the following items in our implementation:

NOTE: Mentor is supposed to help trainees build this App Incrementally Phase by Phase and is free to add functionalities and complexities looking at the level of trainees and their abilities to go beyond the scope of this Case Study.

1. In this tool we are going to use a SQL SERVER to store a data
2. The UI, Website is implemented using Angular.
3. This tool must implement best practices such as, Exception Handling, Test Cases, Static Code Analysis and build tools.
4. You are also supposed to implement necessary design patterns mentioned in the table below:-

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| **Design Pattern** | **Design Pattern Summary** | **Demos/Examples** |
| Service Registry and Discovery | Clients of a service use either Client-side discovery or Server-side discovery to determine the location of a service instance to which to send requests. |  |
| Externalized Configuration | Move configuration information out of the application deployment package to a centralized location. |  |
| CQRS | Segregate operations that read data from operations that update data by using separate interfaces. |  |
| Event Sourcing | Use an append-only store to record the full series of events that describe actions taken on data in a domain. |  |
| Federated Identity | Delegate authentication to an external identity provider. |  |

## Requirement

## Scenario:

## In a corporate , PSP team and Account team are facing issue during the roll off process of employee. As this teams use email for their communication during this process. And this whole process is repetitive and time consuming. And Use an Excel file to save this whole data.

## Solution:

## Develop a Tool (Android/Web App) which help PSP Team and Account Team for the RollOff process.

## Using this tool PSP team or Account team search the employee by their Name, Global Group Id, and by their Email. And after that they get the all the Employee Details. In that their should be a valid reasons for RollOff. Also, RollOff has to be shared with 30 days notice period along with complete details as per the roll-off template. And it has to ensure if the resources are going on a leave (Maternity/Marriage/Medical etc) post roll-off. Their must be a Start and End date of the project. No Back dated roll-off will be considered and also no backdated for long leave cases and to be highlighted to HR BU SPOC. Roll-off for resigned resources will not be considered, the respective PM will have to utilise the resource until LWD. Incase of early release for billable resign resources, please connect with HR BU SPOC. Rating on a scale of 1-5, 1 being the highest for the technical feedback column.

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| **Features**  For Accounts-   * View the Employee Information * Produce Feedback * Produce Rolloff   For PSP Team-   * Approve rolloff request * Ask for clearance   Admin Panel-   * Update Profile * Active/Inactive Employee * View rating and reviews      |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | |  |  |  | |  |  |  |  |  |  |  |  | |  |  |  |  |  |