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Social BPM



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Technical Objective

There are numerous application in Citi technical space. A social BPM application is required to allow these applications to utilize the data captured in the Citi internal social network, Citi Collaborate. This will enhance and improve the business processes modelled in the applications.

The technical objective is to build a solution that would cater to this specific problem using cutting edge technologies so that it could be easily interfaced with the existing systems leveraging the existing infrastructure.

Also to build a reusable component/widget that can be used across different systems without having compatibility issues.

Approach

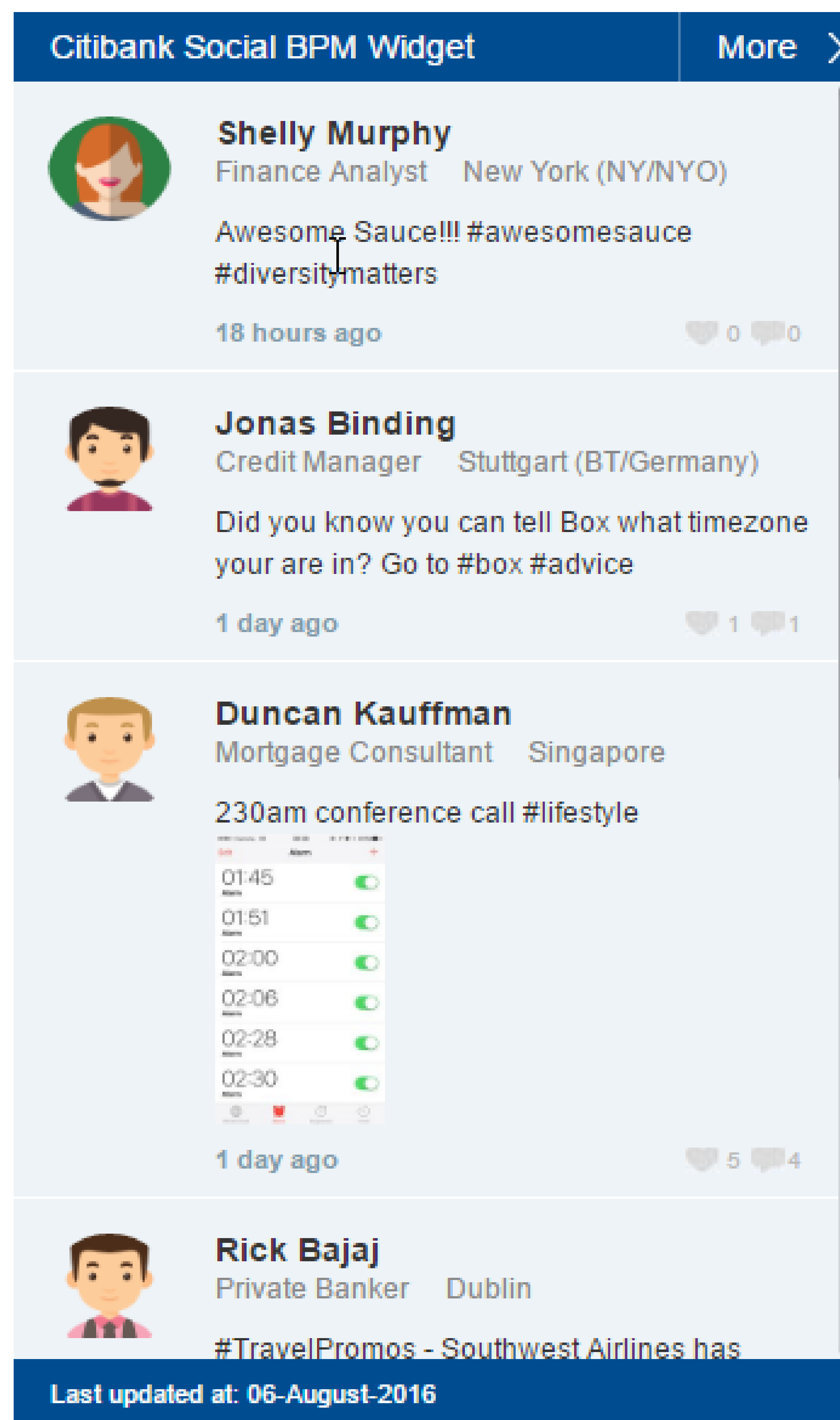
The data is provided to the Social BPM widget in the form of JSON. The widget reads the data and displays it in the required format. Users can follow/subscribe to feeds and channels using this widgets. When a new reply or comment is posted in the widget users receive chrome notifications.

The widget is organized into questions and answers format. It has details like the username of the poster, group name, date that it was posted etc.

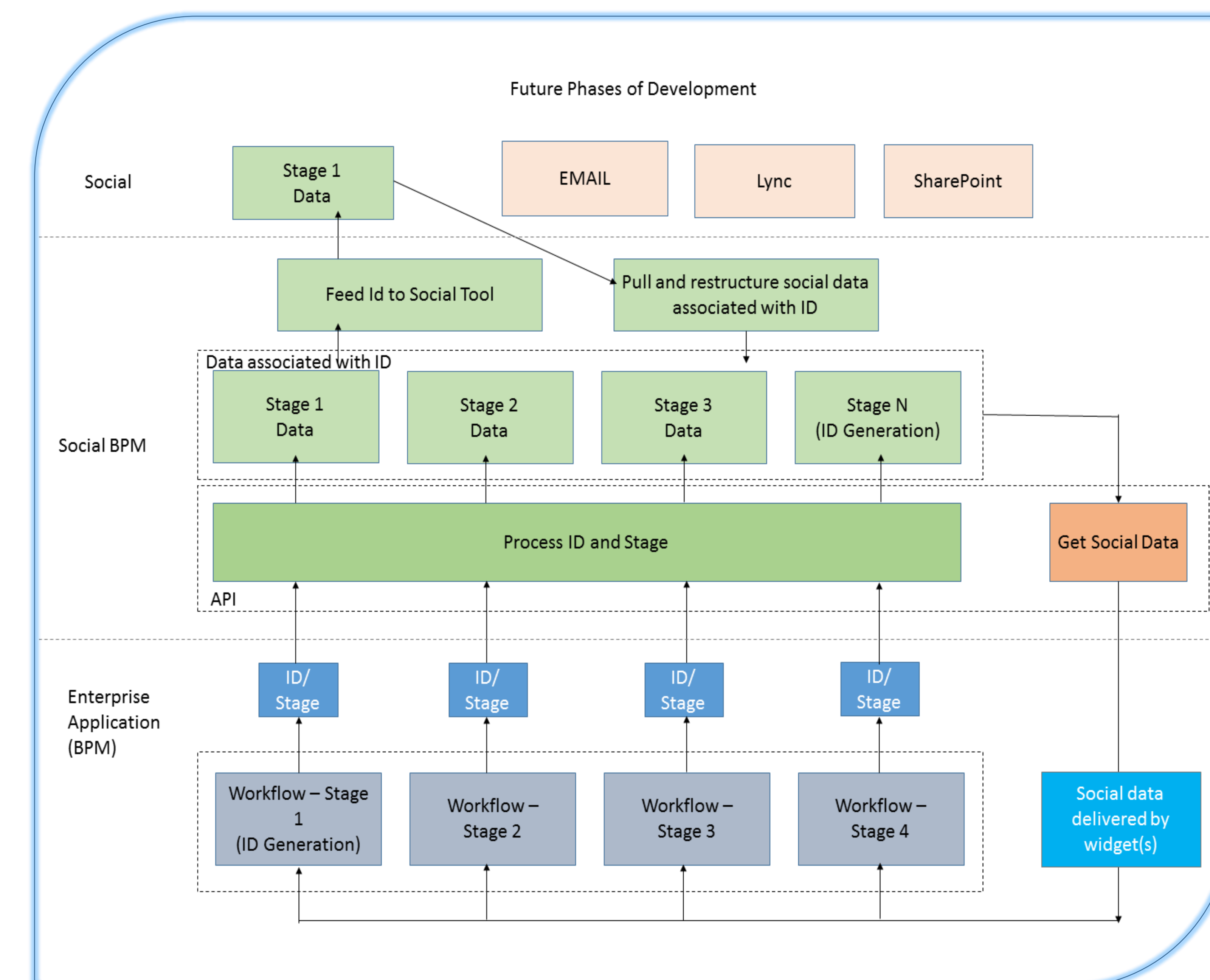
It is created using directives from AngularJS and uses CSS for styling. The widget is built as a reusable component and can be embedded in any application by just using a JavaScript file and then specifying a html tag.

```
<script type="text/javascript" src="client/src/app/common/nocache/social-bpm-widget.js"></script>
<social-bpm-widget filter-type="NYU"></social-bpm-widget>
```

Screenshot



Technical Architecture



Technology Stack

