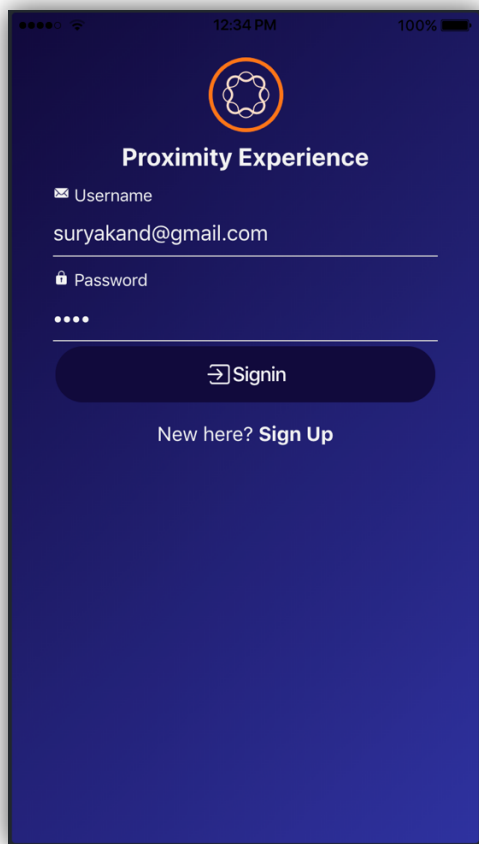


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AEM Proximity Experience Platform (PxP) Boilerplate/Demo Mobile Application

Fig. 1: Mobile App Login Screen

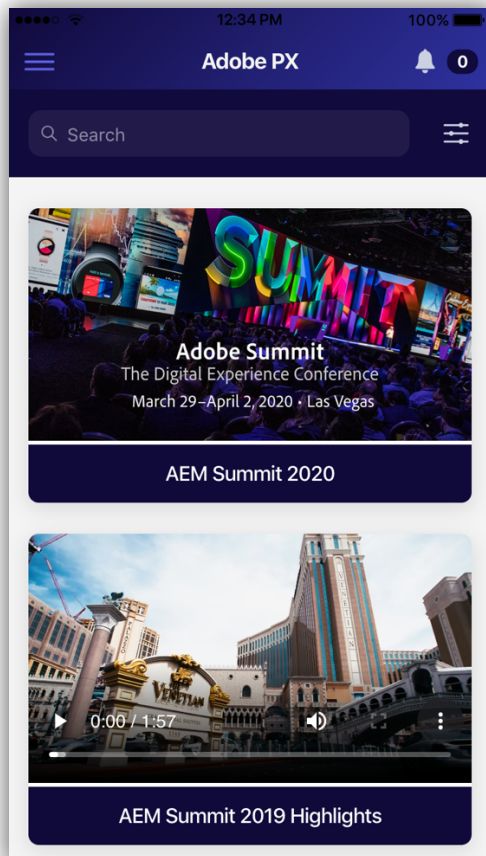


Fig. 2: Content Rendering based on physical location (proximity) of user from a Beacon

Content is pulled using content service and PxP Mobile SDK (built as part of this solution). PxP SDK can be used with any web (Angular, React etc.) or mobile platform.

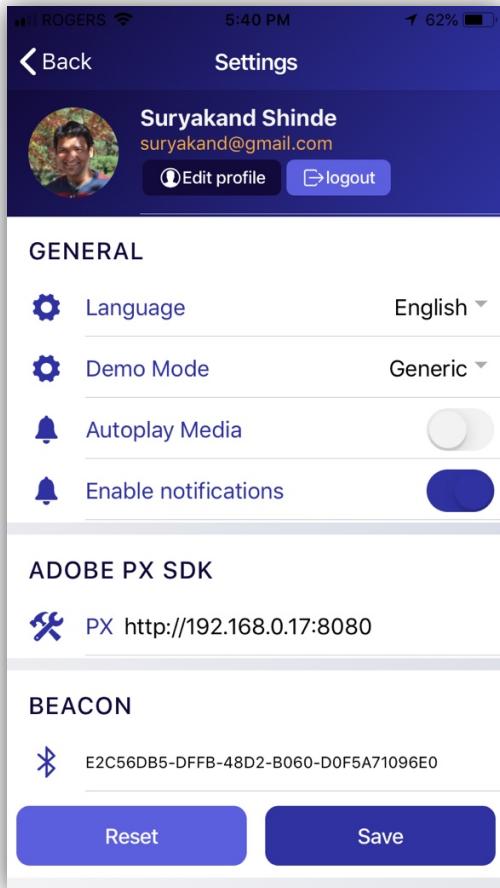


Fig. 3: Mobile Application Settings

Settings screen to control Beacon range, language and demo mode (summit floor, rental car use case or museum)

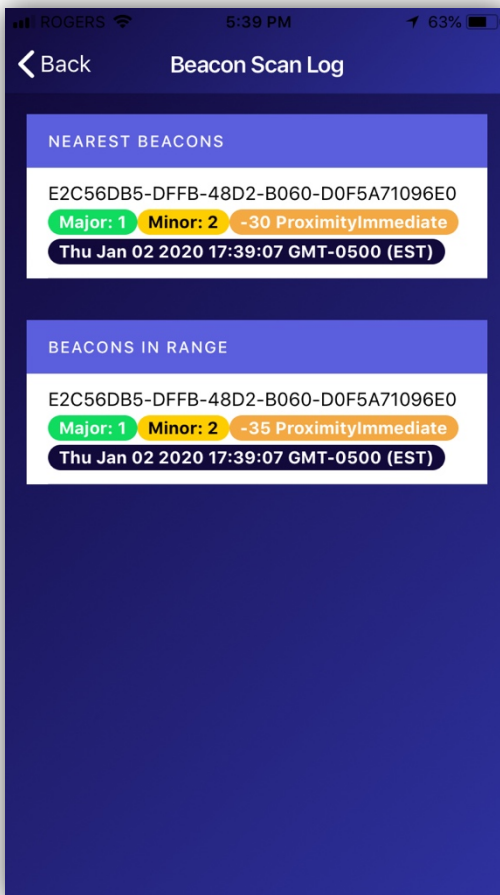


Fig. 4: Beacon Debug Screen (for demo and developers only)

Debug screen lists all beacons in range of mobile application along with beacon parameters. This helps in debugging and allows developer to focus on development.

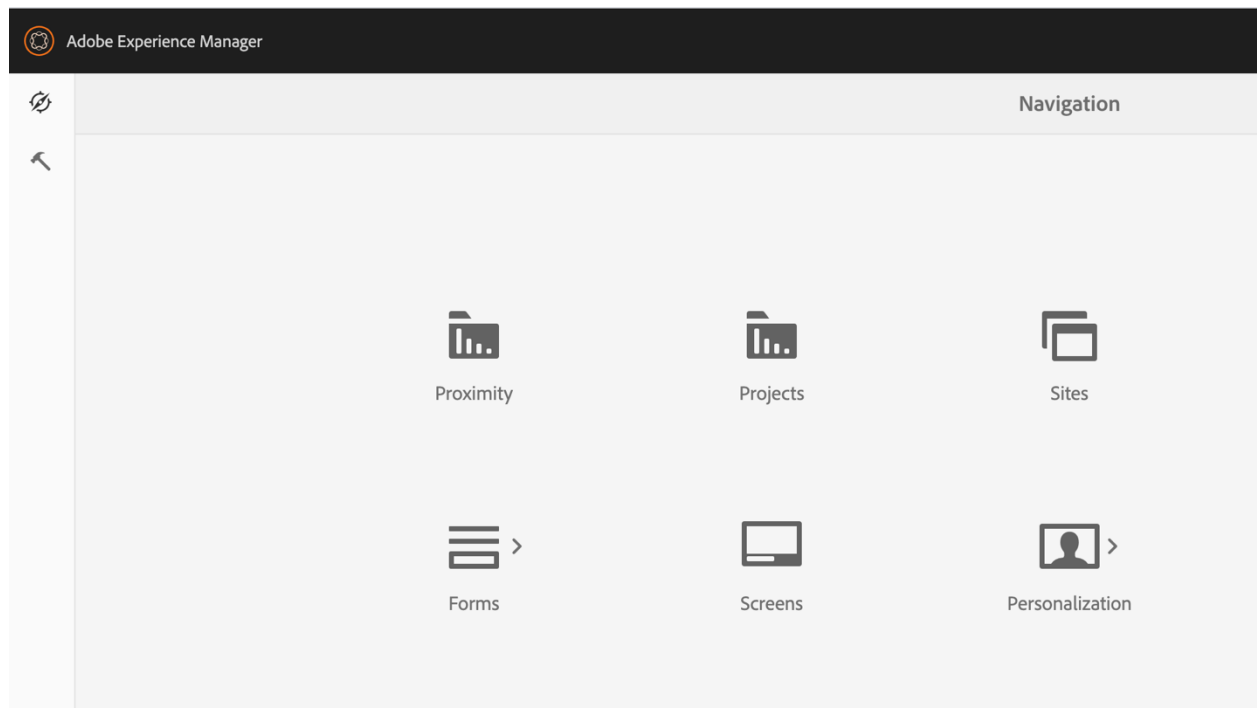


Fig. 5: AEM Dashboard Navigation – Proximity Beacon Manager

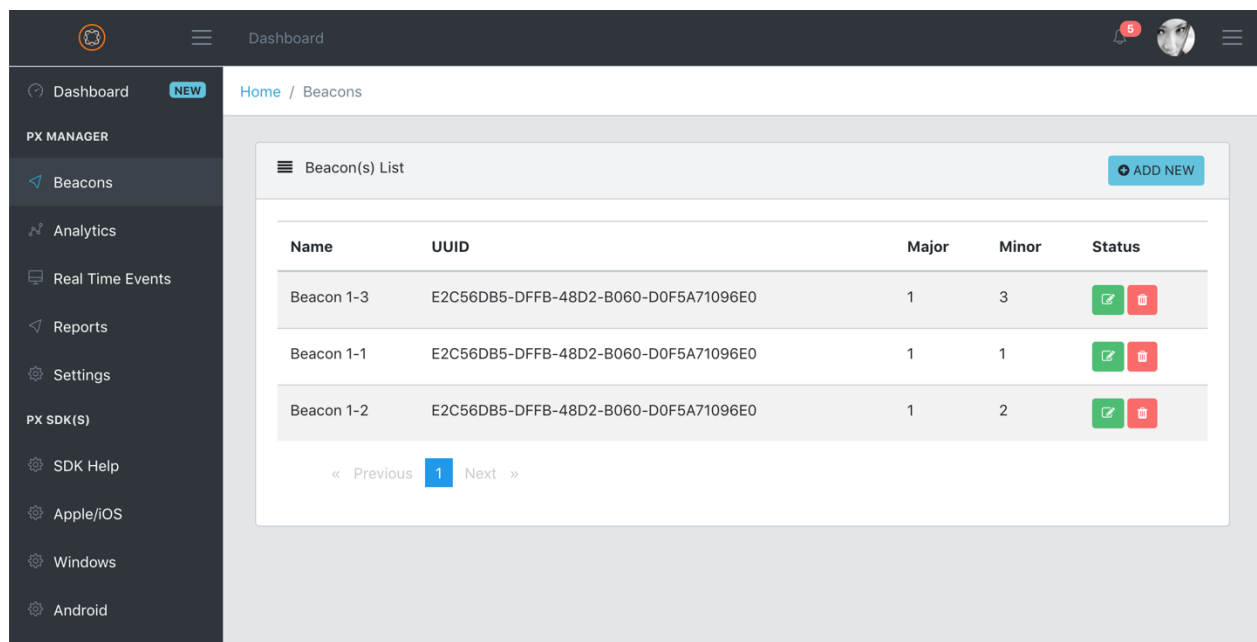
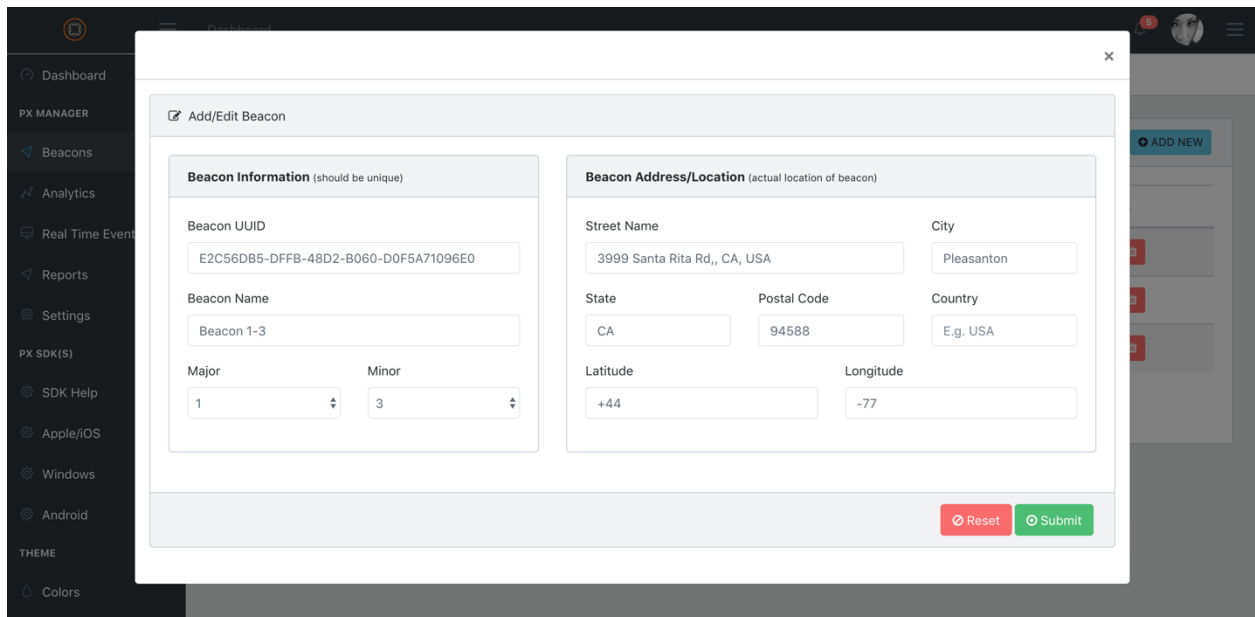


Fig. 6: AEM Beacon Manager - Dashboard



The image shows a web application interface for managing beacons. On the left is a dark sidebar with navigation links: Dashboard, PX MANAGER, Beacons, Analytics, Real Time Events, Reports, Settings, PX SDK(S), SDK Help, Apple/iOS, Windows, Android, and THEME (Colors). The main content area is titled 'Add/Edit Beacon' and contains two columns of form fields. The left column, 'Beacon Information (should be unique)', includes fields for Beacon UUID (E2C56DB5-DFFB-48D2-B060-D0F5A71096E0), Beacon Name (Beacon 1-3), and Major/Minor version selectors (Major: 1, Minor: 3). The right column, 'Beacon Address/Location (actual location of beacon)', includes fields for Street Name (3999 Santa Rita Rd., CA, USA), City (Pleasanton), State (CA), Postal Code (94588), Country (E.g. USA), Latitude (+44), and Longitude (-77). At the bottom right of the form are 'Reset' and 'Submit' buttons.

Beacon Information (should be unique)		Beacon Address/Location (actual location of beacon)		
Beacon UUID	E2C56DB5-DFFB-48D2-B060-D0F5A71096E0	Street Name	City	
Beacon Name	Beacon 1-3	3999 Santa Rita Rd., CA, USA	Pleasanton	
Major	Minor	State	Postal Code	Country
1	3	CA	94588	E.g. USA
		Latitude	Longitude	
		+44	-77	

Fig. 7: AEM Beacon Manager Interface - Add/Edit/Delete/Update Beacons



The image shows the 'Beacon 1-3' detail screen in the AEM interface. The top bar includes a logo, 'BEACON 1-3', 'Developer' (with a dropdown arrow), and 'Preview' (with a magnifying glass icon). The main content area has a large title 'Beacon 1-3'. Below it, the beacon details are displayed: 'Beacon 1-3' followed by the UUID 'E2C56DB5-DFFB-48D2-B060-D0F5A71096E0' and version tags 'Major: 1.0' and 'Minor: 3.0'. The address '3999 Santa Rita Rd., CA, USA, Pleasanton, CA, 94588,' is listed below. To the right of the address is a large dark gray box labeled 'Thumbnail'.

Beacon 1-3
E2C56DB5-DFFB-48D2-B060-D0F5A71096E0 Major: 1.0 Minor: 3.0
3999 Santa Rita Rd., CA, USA, Pleasanton, CA, 94588,

Fig. 8: AEM - Beacon Detail Screen

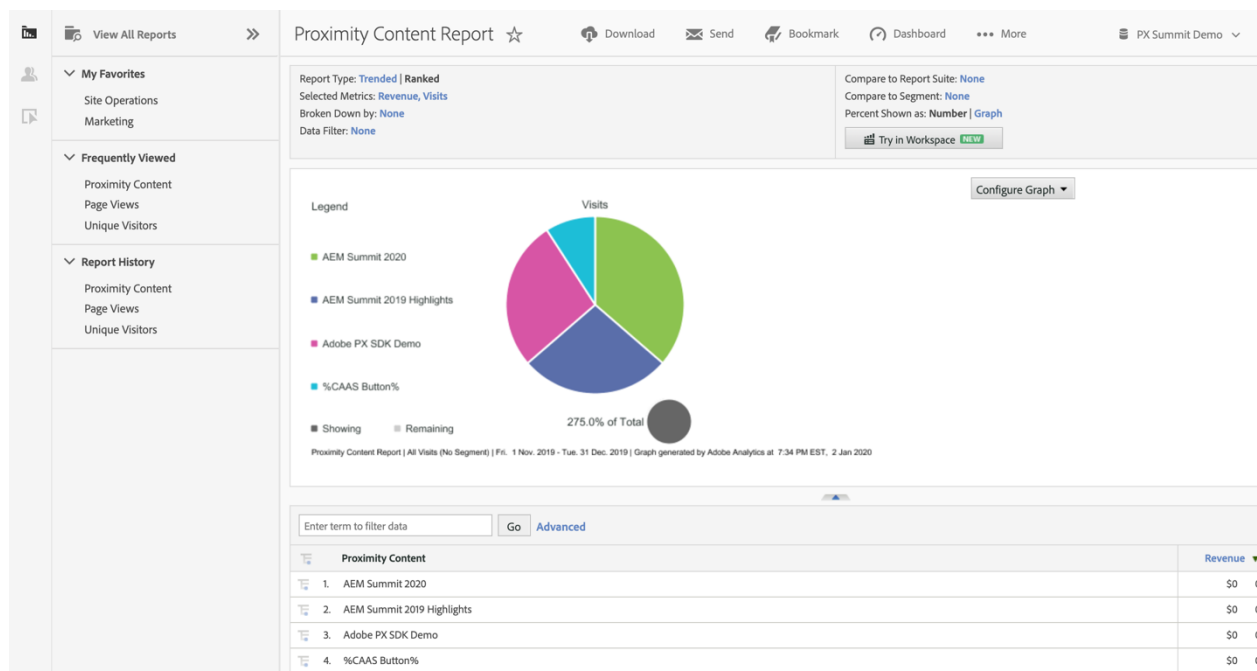


Fig. 9: Adobe Analytics – PxP content tracking

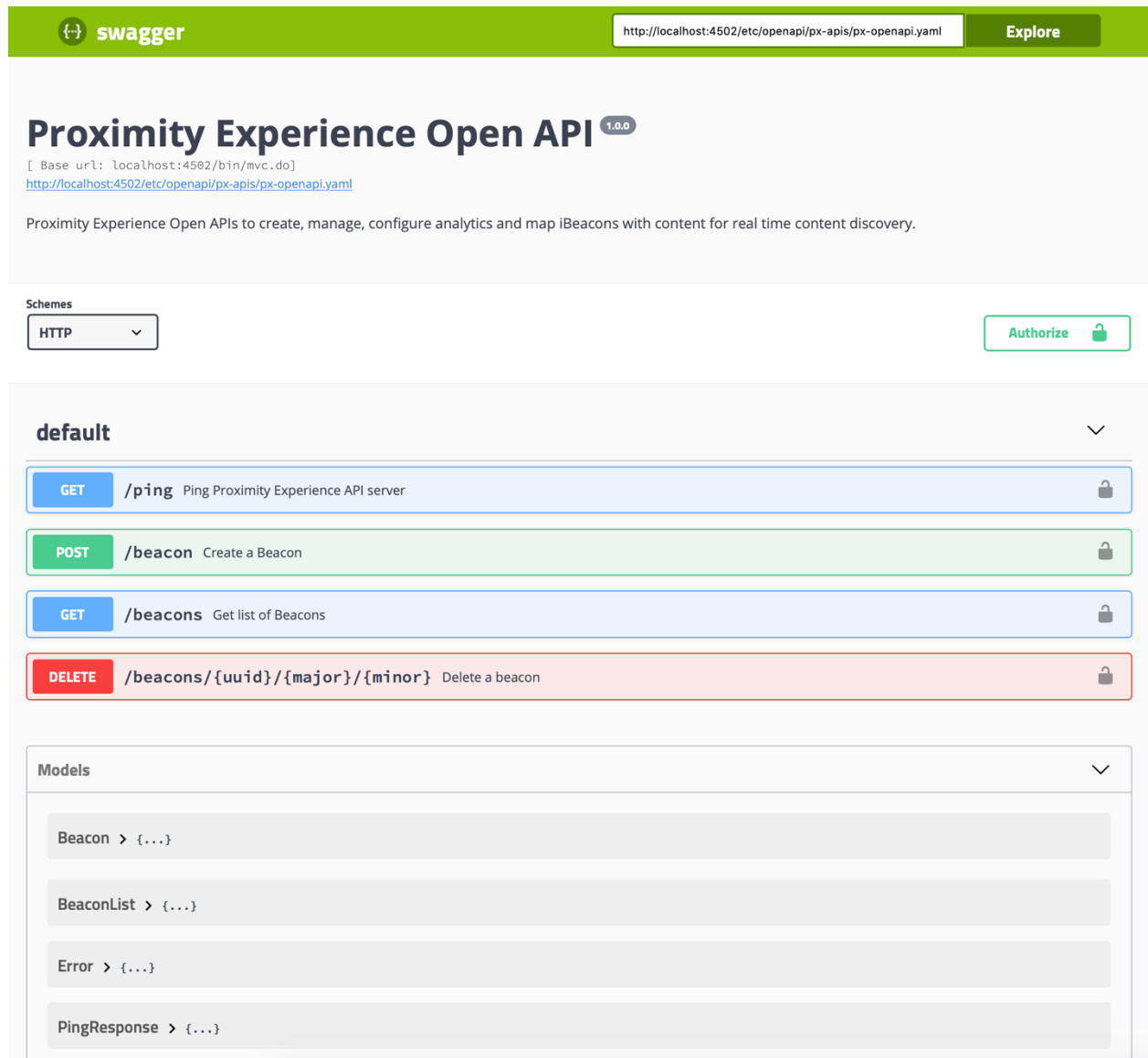



Fig. 10: Swagger APIs for managing Beacon without AEM user interface

 **Swagger**
Supported by SMARTBEAR

/v3/api-docs

Explore

OpenAPI definition

v0 OAS3

/v3/api-docs

Servers

http://localhost:8080 - Generated server url

PX

GET /api/px/{uuid}/{major}/{minor} Search Content for a given beacon

Schemas

Pageable >

PxResult >

PxSolrResponse >

Sort >

Fig. 11: Swagger APIs for PxP mobile SDK and fetching content from AEM