API-led Connectivity Workshop

Case Study: Mythical

Mythical is a specialty retailer of apparel and accessories with Mule as their flagship brand. They are going through digital transformation in enhancing and unifying their customer experience and have several initiatives planned around mobile, smart beacons, IoT and customer analytics.

In the past, their IT organization has struggled to meet the needs of Mythical's business. They have built projects from the ground up and have suffered through point-to-point integration and missed many deadlines. IT became their bottleneck. They tried to scale with the Cloud, SaaS applications and agile development across different teams, but the problem got larger as they had to tie all of these together and all their integration efforts just could not keep up with the demands of the business.

They started working with MuleSoft to help them change their operating model. They committed to take an incremental, balanced, API-led approach as they were pursuing these new set of digital initiatives. In essence, their plan was to build out their application network one project at a time, with an intention to expose assets that are discoverable, self-served, and consumable by the broader Mythical organization for future projects, to set them up for speed, agility, and innovation

Delivering Mythical use cases through API-Led Connectivity

In this workshop, we will look at using the **Anypoint Platform** to incrementally deliver the application network through **API Led Connectivity**. We will learn how to design and implement APIs that a mobile application will use for submitting orders and checking order status, which underneath the covers, will connect to and orchestrate a variety of enterprise systems including legacy order processing databases, ERP applications, messaging queues, SaaS and cloud applications.
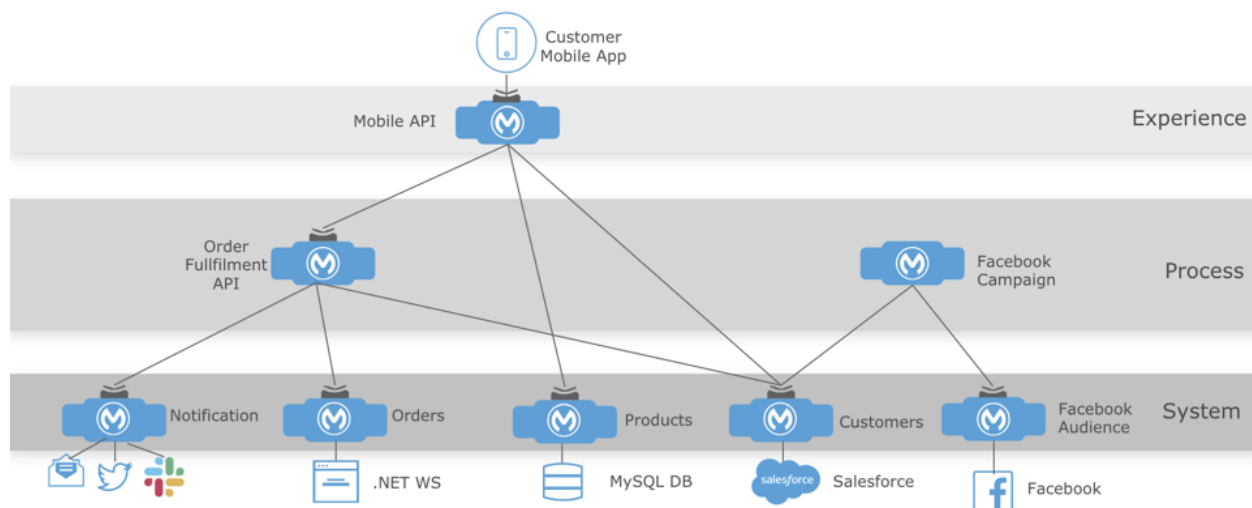
Mythical treated each API as a product and followed its full life cycle

An application network is composed of application building blocks. These have multiple elements. and it's critical to separate the concerns between each. The API interface, the API implementation, and the API management aspects all have their own specific, unique life cycles to follow. This building block should itself be treated as a product since these characteristics are common to what a good product should also have. Therefore, it makes sense to treat a building block from a product-centric approach. We see this product-centric lifecycle as having three distinct stages: design, implementation, and management.