

Middle Layer Implementation

How to Setup a Middle Layer for a Bank that Serves a Million Users Monthly Without Disturbing Them



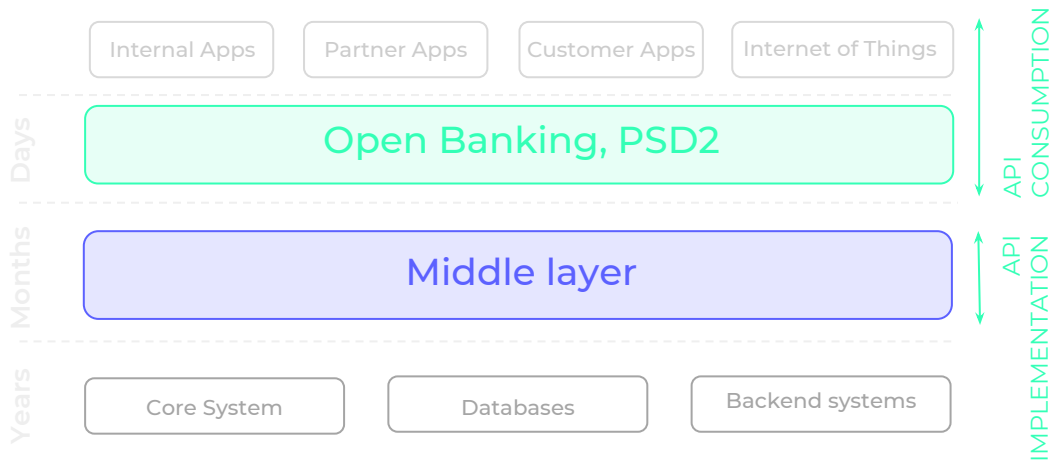
.NET visual
studio



7 months



\$350K



Challenge

Over the years our client worked with multiple vendors who have built apps on top of the legacy code system, which overtime has made it extremely complex and unstable. The system worked by one app calling another app, that then called another app and all without the possibility to turn off select parts of the system. Likewise, if one app stopped working all would subsequently stop - domino effect.

Solution

We introduced a new layer to the system - Middle layer. First we had to separate various services/apps and unify them in terms of architecture with a centralized implementation of the system's core functions: login, monitoring and standardizing the development of new services by creating dev templates.

Benefits

- We set up dev templates for future vendors by establishing a service for developing new apps and refactoring of the existing modules
- We increased the speed of developing new apps by threefold.
- Easier outsourcing of development