**Dena Architecture**

**Dena Client SDK**

**(Android, IOS Java, JavaScript…)**

Dena Feature REST API

**Dena Dashboard**

Security (Authentication, Authorization)

Dena Management Rest API

Data Store Service

User Management

Caching Service

Search Service

**Register With Panel Scenario**

1. Developer registers with user & password in application “DENA\_DASHBOARD”. “DENA\_DASHBOARD” is a predefined application with a predefined user “DENA\_PANEL@Dena.com“. Role “ROLE\_DASHBOARD” associated to “DENA\_PANEL@Dena.com“.
2. “ROLE\_DASHBOARD” have access to all management API.
3. Developer login in panel with her user & password.
4. Developer creates new application.
5. New application by default have predefined role associated to its keys (Rest key, JS Key, Android Key, …)