

## Casthalia FinTech IT platform Business Vision

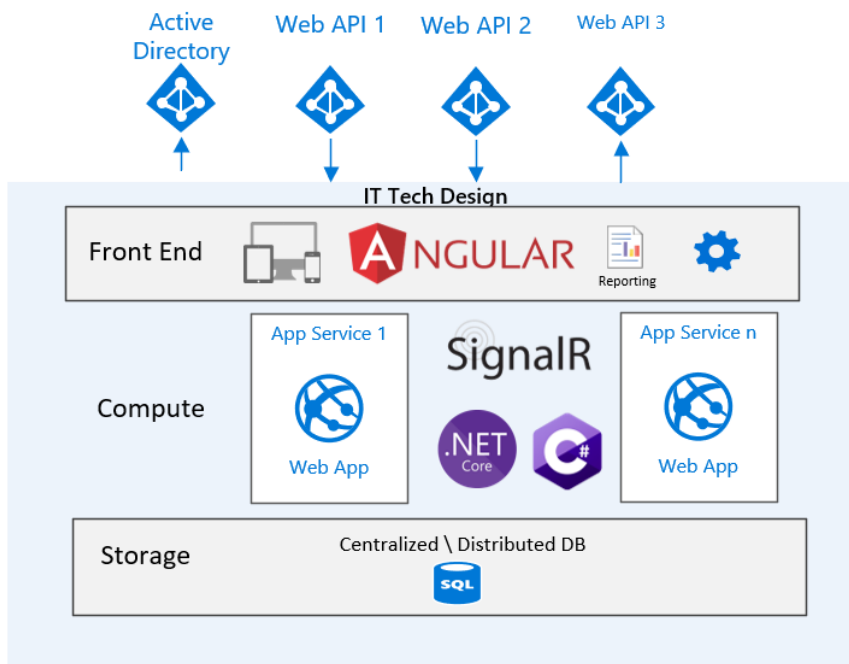
Using new IT technologies, development of IT WEB applications is changing from stand alone to integration solution portfolios. Team Casthalia is following latest trend using .NET core back-end supported implementations. We are now able to provide our customer whit:

- Cross-platform needs.
- Targeted microservices.
- Docker containers.
- High-performance and scalable systems.
- Side-by-side .NET versions per application.

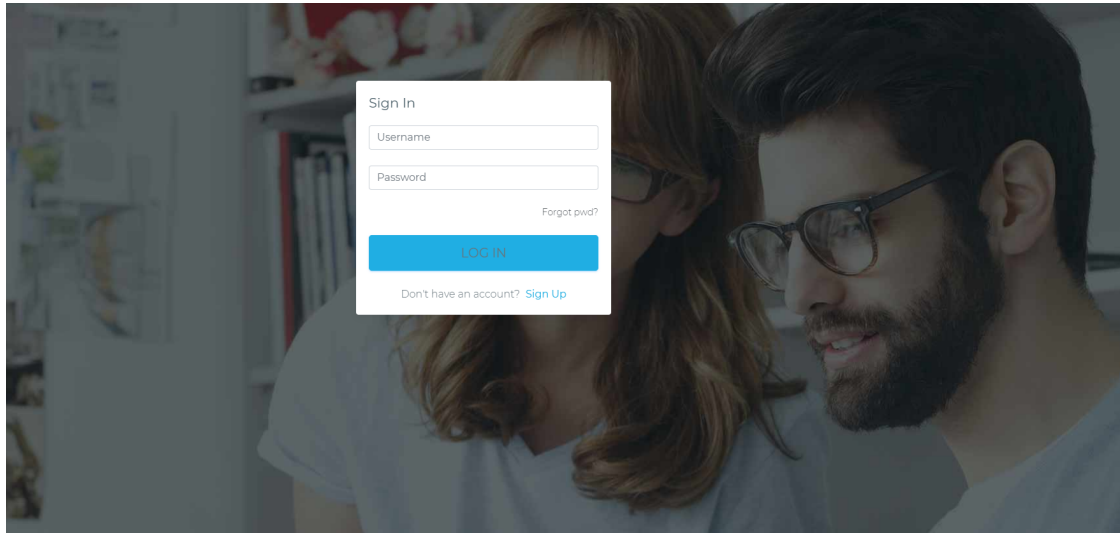
To connect the logic with data visualization / UI (User Interface) we decided to use the marked leader Google and its technology Angular, that enables us to create feature-rich single-page web applications. The list of Angular application examples is impressive. In addition to various Google services, we can find such brands as McDonald's, MasterCard and Citibank Customer Service that use different versions of Angular for their front-end.

Providing state of the art security protocols (HTTS, HSTS, Two Factor Security ,...) maximize safety of data collection and storing.

In parallel with mentioned technologies our knowledge in SignaR, SQL, WebRTC, Azure, AWS,... enable us to provide a secure, sustainable and integrated IT platform.



Centralized platform is key to a 2020 digital FinTech company:



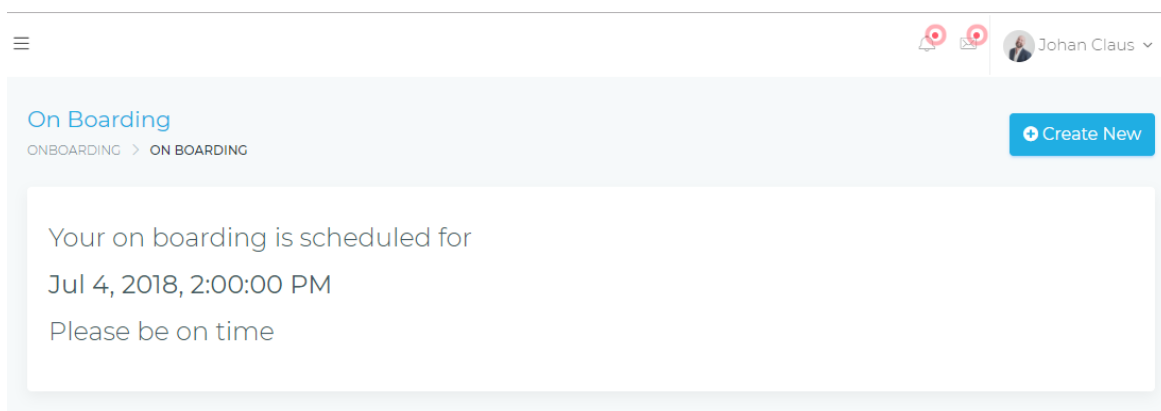
Our solution portfolio, consist of many solutions, were developed in cooperation between highly skilled IT and FinTech experts with detects of experiences.

Having a solid foundation that enable your scalability and global integrability is a key. As explain all our solutions are based on internally developed .Net core platform, that allows modular integration. Platform can be also provided as a standalone architectural and conceptual solution, based on which skilled IT developers can learn modern technologies, add or build new services.

Web Services\Building Blocs that we provide:

### 1. Video Onboarding Service

OnBoarding Application following FinTech compliant protocols enables client to register by providing crucial information which are afterwards trough Video commutation confirmed by thrusted employees.



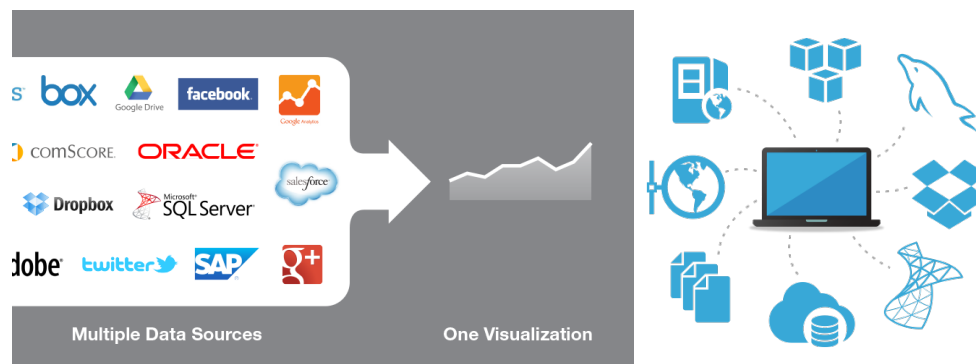
## 2. API integration with Third Party Platforms \ Data Sources Service

As mentioned using .NET core technology we can build communication with almost all open API web trading sides (example: interactive Broker).

We believe that pushing trading request through a customer specific designed interface enables that internal business process are also followed through application usage, example: trading limits, trade off set alerts, % loss ,....

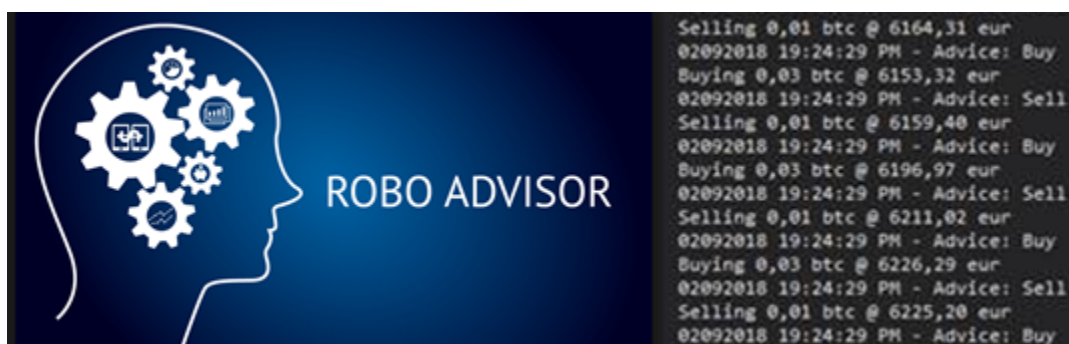
On the other side we are also aware that we are living in era of distributed data sources (MS SQL, Oracle, Firebird, PostGress,...), meaning that key is in connecting the information not migrating to single data source provider.

We strongly believe in Bigdata concepts where we adequality evaluate information's that we will store for a long term analytical purposes. Building data pools by gathering up huge amount of data and then in the feature decide what you need is not a strategy we advise.



## 3. Robo Advisory

We have a strong mathematical and analytical background in using, developing and trading with algorithms using Excel VB and MATLAB. That enabled us to create a structural service-oriented concept that enables running customized third party algorithms for analytical or trading purposes.



#### 4. Reporting and Advance Dashboards

Modern technology enables that we can build Realtime reports and KPI dash boards.



Development\Implementation methodology:

Before each implementation phase we do few-days assessment workshop at client side to established levels of expertise on IT and business side. Following 80/20 rule we try to define the scope of work.

Our project management and development strictly follow agile scrum methods. Based on our long-term experience we established that with Prototyping development, we can get feedback from our client early in the project to ensure transparency and maximize client invokes. Afterwards initial prototype serves for iterative improvements to reach and will support desired system behavior.

Confirmation of desired system behavior early in the Design phase of the implementation project.

All development phases are in parallel with design workshops supported by documentation (FDS - functional design specifications, UAT- user acceptance test,...).

