



# Case Studies

MICROSOFT AZURE SOLUTIONS

2019

INSURTECH

# Cloud-based PM System

/ Cloud

## Challenge:

To create a PM system, that will increase productivity by keeping the team in sync and reduce administrative overhead.

## Solution

A cloud based application, for healthcare industry. It instantly enables the efficient, repeatable and scalable deployment of new projects, and projects updates cross multiple stakeholders.

## Technologies

ASP.NET WebApi 2, MS Azure, SignalR, Nhibernate, Unit test, IoC (Windsor), MS SQL, .NET Framework 4.5, apiary (.io for API documentation), Angularjs, jQuery, dhtmlx, Node.js, Grunt, Karma test runner, Jasmine framework, e2e-tests, IE8+support, CORS support.

## Results

- Real-time data
- Fast projects processing
- Secured personal data
- Instant reports

The screenshot displays the WPEL software interface for a project titled "Folk Hospital EPIC 2014". The interface is organized into several sections:

- Header:** Includes the WPEL logo, navigation icons (Dashboard, Library, Settings, Support), a notification bell, and user information (Patrick Demarchelier, Logout).
- Left Sidebar:** Contains "PROJECT ACTIONS" and "DELIVERABLES" (with a count of 12).
- Main Content Area:**
  - Project Title:** "Folk Hospital EPIC 2014" with a sub-header "Folk Hospital EPIC 2014 / Issues".
  - Navigation Tabs:** Snapshot, Scope, Workplan, People, Status, **ISSUES** (active), Links.
  - Filters:** STATUS (None), PRIORITY (None), SUBMITTER (input field), CLEAR button, # (input field), RELATED TO (input field), CREATED ON (calendar icon), TITLE (input field), ASSIGNED TO (input field), TYPES (None).
  - Table:** A table with columns: S, P, #, Title, Related to, Assigned to, Submitter, Created on, Deliverable, A. It lists several issues, including "Suspended groups" and "Ability to Add issues Any TI...".
  - Footer:** "Total Items: 156", navigation arrows, and "SHOW PER PAGE: 50".

**BUSINESS APPS**

# 3D Kitchen Planner

/ Web, Cloud

## **Challenge:**

To help construction and design companies as well as their customers to build a kitchen model, estimate the services cost quickly and share out the results.

## Solution

A multi-user system that provides a capability to configure your own kitchen catalogue (cabinets, materials, doors, etc.) together with prices on the one hand, and simplified kitchen planning for end users on the other hand.

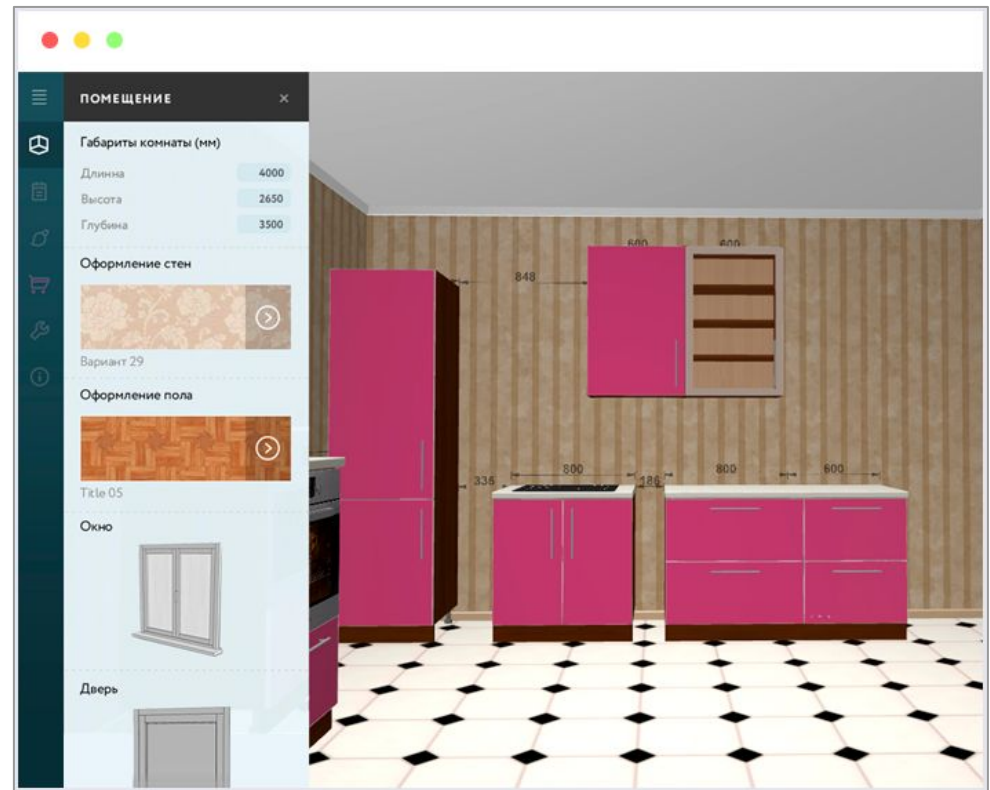
All users' projects have a permanent link, so it is possible to share construction models with managers and clients or between friends and family members via social networks, emails or just as a direct link.

## Technologies

.NET 3.5-4.5, AngularJS, ASP.NET MVC, ASP.NET Web.API, EF, Foundation, jQuery, MS Azure SDK, MS SQL Server, SASS, Typescript, WebGL (Three.js).

## Results

- Top accurate calculation
- Advanced design features
- Visualization with all types of materials
- Easy navigation



FINTECH

# 'Life planning' solution

/ Web, Cloud

## Challenge:

To develop a one-of-a-kind smart solution for a Fintech sector to upgrade mere 'Financial planning' to a more customer oriented 'Life planning strategy'.

## Solution

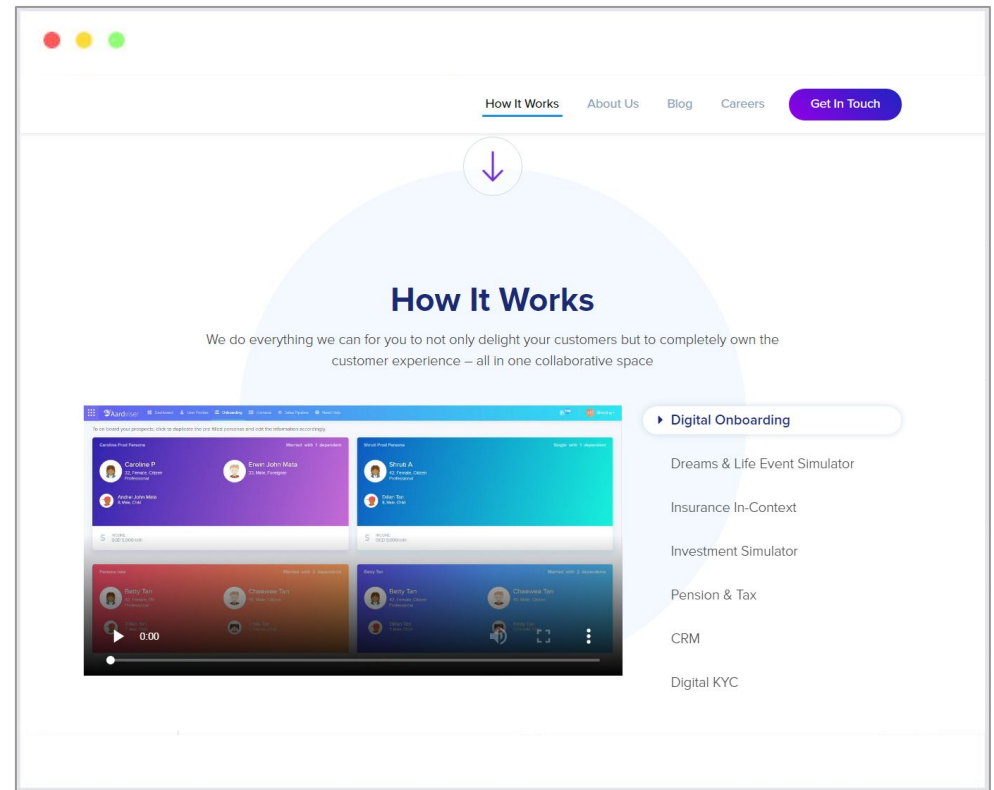
The platform is easy to use: a user can simulate any kind of his/her dreams and the real life-events and see how transparent and secure the life changes are. This solution helps the end users (customers) plan their budget, further expenses and life savings. It also helps advisers (banks and insurance institution) improve customer experience, assist with investments, taxes, insurance planning.

## Technologies

ASP.NET WebApi 2, Angular 1.6 (TypeScript), MS SQL Server, ASP.NET Core 2.0, Razor Pages, MS SQL Server, MS Azure.

## Results

- Improved customer-adviser collaboration
- Insight driven reporting
- Built-in CRM
- Encrypted with banking-grade security



**BUSINESS APPS**

# Say2Eat

/ Web, Cloud

## **Challenge:**

Create a unified AI food-ordering solution for a wide range of multi-unit restaurant chains.





## Solution

Say2eat helps chains and retailers within the food industry increase consumer engagement by enabling personalized and fully automated conversations with consumers at scale. It provides a single and seamless solution for all voice and message applications (Facebook Messenger, Twitter, Slack, Apple Home Pod, SMS, iMessage, Amazon Echo, Google Home, etc). Using natural language processing and artificial intelligence, this tailor-made food-ordering platform makes businesses them more accessible and increase their customer return rate.

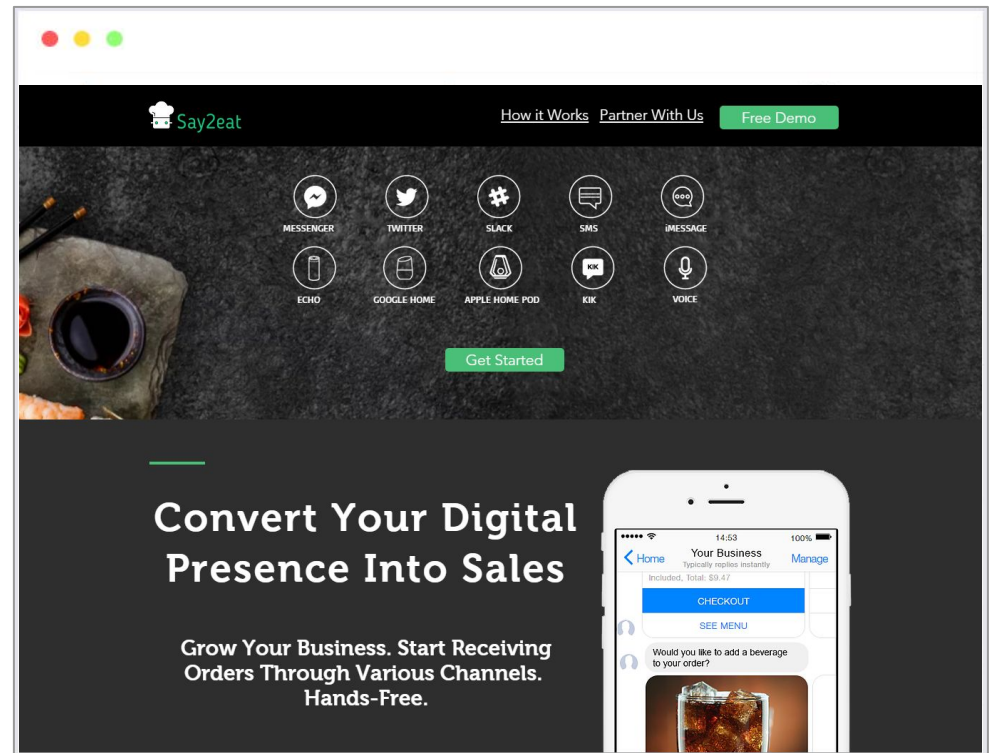
Customer review: <https://clutch.co/profile/chi-software>

## Technologies

ASP.NET MVC, ASP.NET WEB API, .NET Framework 4.6, NUnit, Microsoft Azure, MongoDB, JavaScript, JQuery, Bootstrap.

## Results


- Conversational food ordering
- Improved personalization
- Sync into existing POS/online ordering system
- Sync with popular messengers and voice assistants



# Do you want to discuss your project?

## Contact us:

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