



TECHMENT TECHNOLOGIES

Case Studies With Solutions

Techment

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The business analysts who were involved end-to-end till the solutions were delivered to the customers have written the case studies presented in this document. The amount of data provided has been considerably useful in drafting these studies.

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Foreword

Businesses involves making decisions based on evidence, which in turn allow the company to move forward and make further decisions. This approach, known as a process chain, has implications for the long-term survival of a business. Such facts are compiled in a “company diagnosis”.

Diagnosis is a necessary component of any business strategy. On one hand economic systems are dynamic and situations can change rapidly, so the actors of these systems must continually adapt themselves to the new conditions and adjust their behavior, needs and expectations accordingly. On the other hand, a service provider cannot be sure that the chosen solution will be the best one, nor that the decision will be good.

This doc presents around five case studies, taken from various teams working at Techment: the e-commerce industry, the banking, specific sectors (sports, education, agriculture), and the B-to-B industry. The studies illustrate the implications of analyzing an environment, which will enable the identification of its most important elements, and thus the choice of a corporate strategy and finally of its implementation

CASE

1

Auctioning Engine

Case Synopsys

Problem Definition

How to detach from locked-in auctioning platform and have own customized auctioning engine?

Case Summary

This case study is based on problems faced by a company who is actively helping for senior relocation, downsizing, estate sale and online auction services. With over 160 offices, this company based in Cincinnati is the nations largest provider of relocation services, downsizing estate sales and online auctions. This company has developed tools to make the entire home transitions process better for consumers and their families.

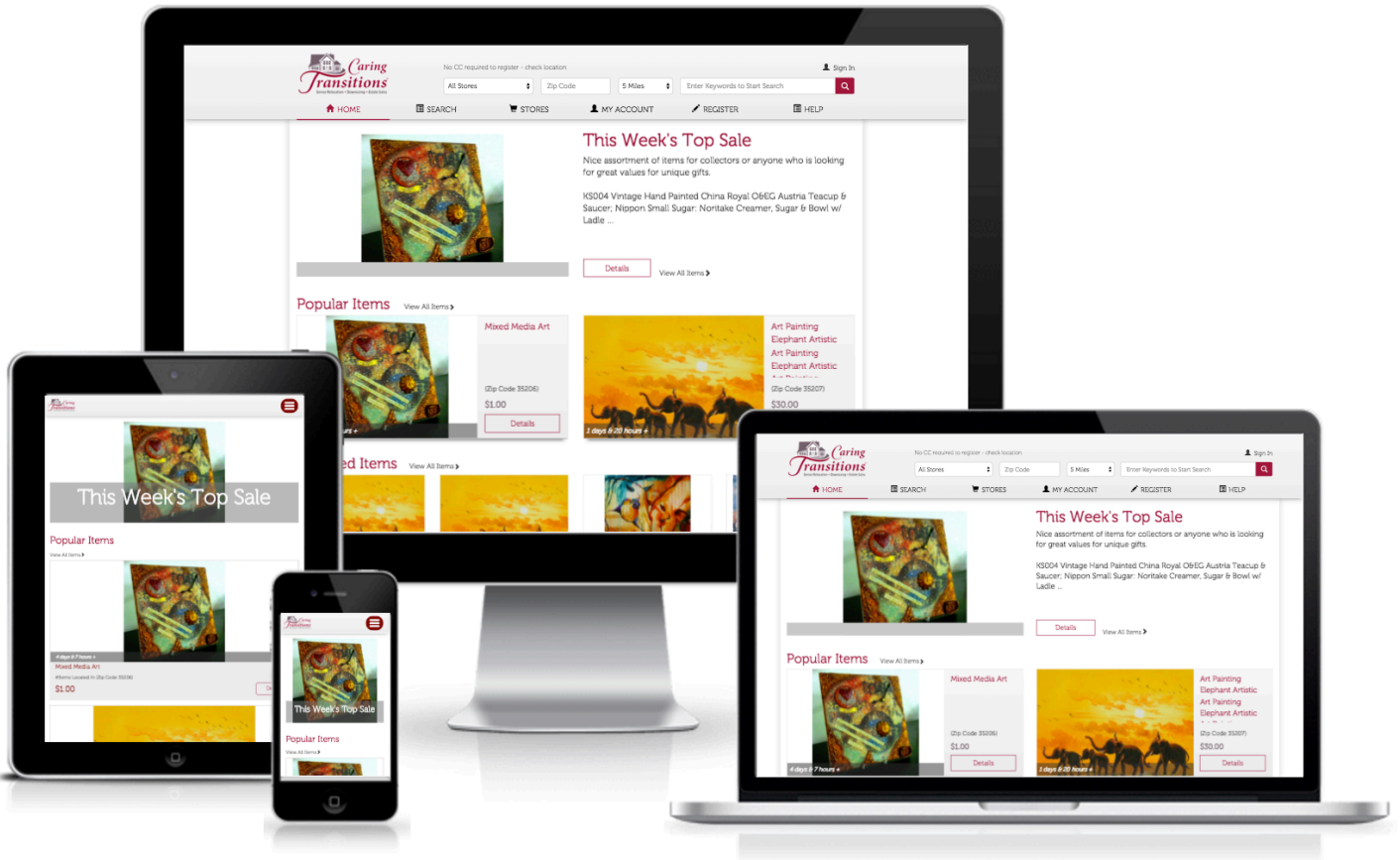
The Company's decision to buy against build landed them to a lock-in situation with the vendor for their hosted solution. Customizations and enhancements were either very expensive affair or not possible. The User Experience and non-responsive nature of the solution was affecting the popularity and the in-traffic was hard hit.

Having an auctioning tool and stopping the stray in-traffic was another big challenge for the company where they wanted to restrict the usage to authentic users only.

Mobility was another factor where the existing solution had no room for extension. Company needed mobile apps for their franchisees to expedite the sales cycle.

Solution

Techment provided a robust auctioning platform with fully responsive screens. A set of mobility solutions were provided for the actors to make the auctioning lifecycle more interactive, real-time in nature and more user friendly.



Technology

Mobile Responsiveness – **Bootstrap & Angular JS**

Mobile Solutions – **Native iOS and Android applications**

Frameworks – **Spring 4, LESS, Velocity**

Cloud Hosting – **AWS**

Learning Objectives

Techment Business & Technology Team was challenged to re do the complete auctioning engine with latest technology and to provide additional functionalities in a time bound tight schedule. Along with the responsive behavior of the solution, challenge was to provide Seller and Bidder's native mobile application on all mobile platforms. With a mix of expert team and young go-getters, team provided new user experiences and mobility solutions, which helped them to improvise their skills there by continually helping the customers to adapt to the system while on the move.

CASE

2

Arts Center (Sitecore)

Case Synopsis

Problem Definition

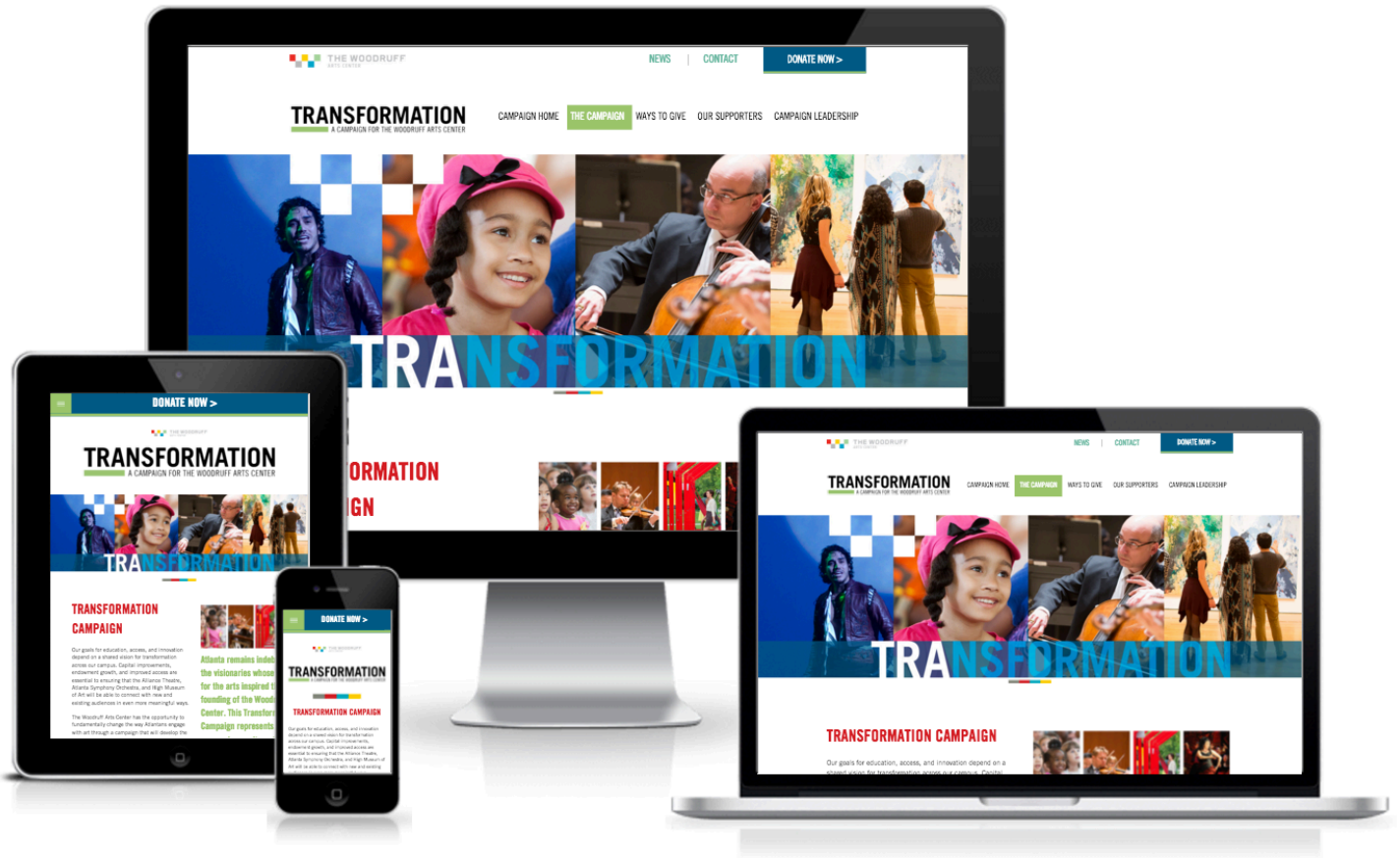
A responsive website with an integrated Content Management System – Sitecore

Case Summary

The Woodruff Art Center, Atlanta one of the largest arts centers in the world and is home to the Grammy Award-winning Atlanta Symphony Orchestra and the High Museum of Art, the leading art museum in the southeast, needed a responsive website for planning their Events, showcasing their programs and initiatives. Woodruff required a website whose contents can be managed by their business team without any technical assistance. They also required their website to be mobile responsive.

Solution

Technology Consulting Group (TCG) at Techment, which is responsible for POC's, feasibility studies and various other researches recommended to use Sitecore – the best CMS for customer experience management. The team at Techment has expertise in Sitecore, delivered a world-class responsive site and hosted it using Sitecore. All the screens were mobile optimized to have the best user experience when seen on mobile devices.



Technology

Mobile Responsiveness – *Bootstrap & Angular JS*

Content Management System – *Sitecore*

Learning Objectives

Woodruff being widely referred and searched about, the challenge was to make the website work on almost all the devices, though the team achieved the responsiveness on almost all the platforms there was a peculiar problem on Mac machines with higher resolutions. The web pages were breaking at a very little threshold. Techment UI team with the help of (TCG) came up with a custom solution and it did worked properly according to the need. New features on the newer version of Sitecore, which was unexplored earlier, were learnt

CASE

3

Site Builder

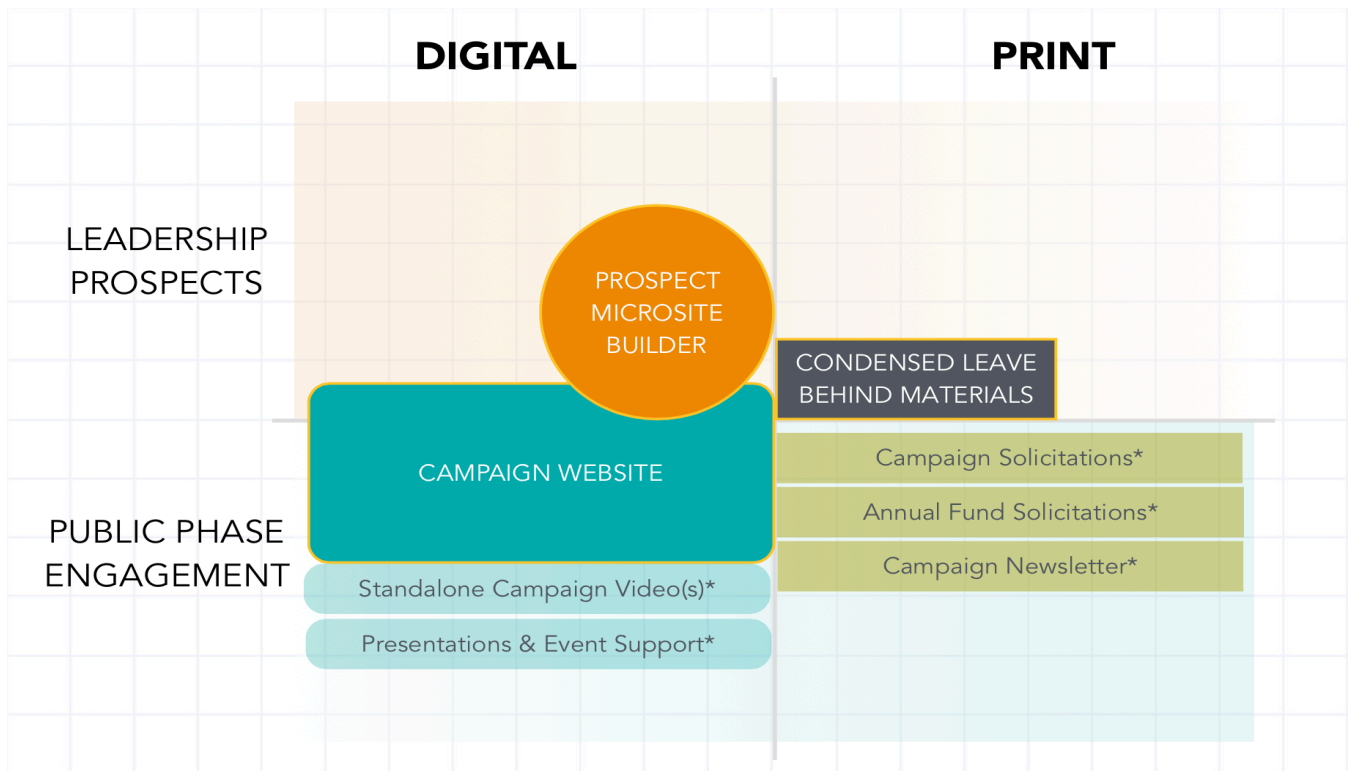
Case Synopsis

Problem Definition

An organization continuously working with three sectors – Higher Education, Healthcare and Cultural institutions across United States from 33 years, handling their events, programs, fundraisers and various digital contents came up with an idea to provide a SAAS based platform to manage the University websites. Challenge was to create a custom built CMS, which can be leveraged and customized as per the specific needs.

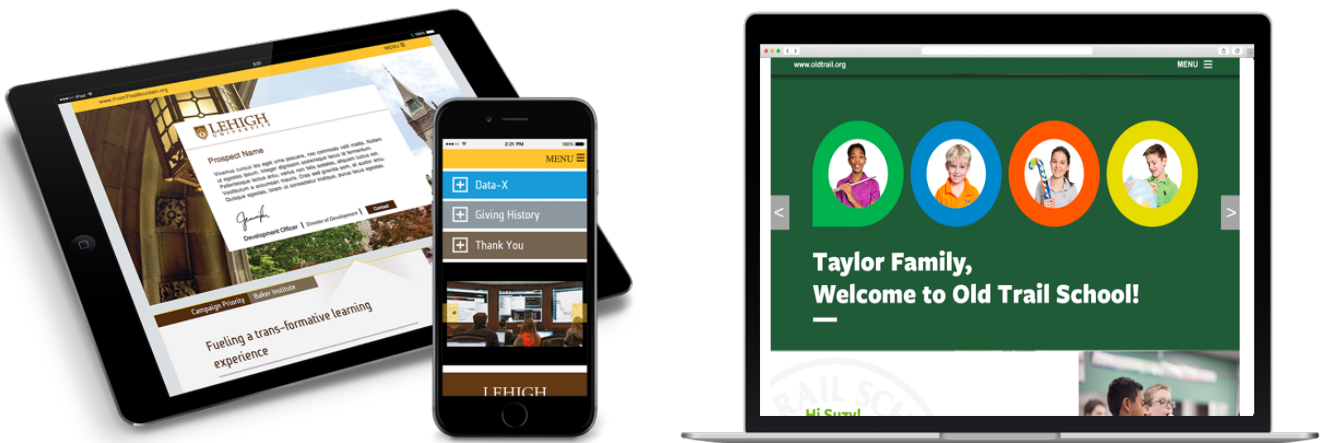
Case Summary

Schools colleges and universities have complex sophisticated departments dedicated to recruiting students. Our client wanted to target smaller schools that have a limited pool of applicants, but offer a high cost academic experience. The Universities used to do their campaigns, fundraisers in a linear and static fashion with very little personalization. The need was to have a highly personal, One-to-One Digital Channel to engage high value prospects. A centralized platform, which can plan, create and execute development communications, was lacking this organization started with digital prints, CD ROMS for the various campaigns and fundraisers for various universities.



Solution

A multi-touch, amendable, dynamic in nature, content centric and measurable platform was built with custom CMS. The dynamicity of the CMS helped client on-board more customers than their traditional linear approach .



Technology

Mobile Responsiveness – ***Bootstrap & Angular JS***

Framework – ***Spring 4***

Hosting – ***Amazon (AWS)***

Platform(s) – ***Web, Android, iOS***

Learning Objectives

Site Builders was critical for our client, it was design intrinsic and usability was of utmost importance. The team involved with Site Builder started with UI conceptualization, wire framing and then implementation. The UI/UX Lab at Techment were continuously involved with the client's design team for the finalization of designs. AXURE was used for iterative mobile mockups. Gauging the agile nature of the product an iterative product building was recommended and a scrum team was formed. Team optimized their overall efficiency and concepts.

CASE

4

Reverse Auctioning

Case Synopsis

Problem Definition

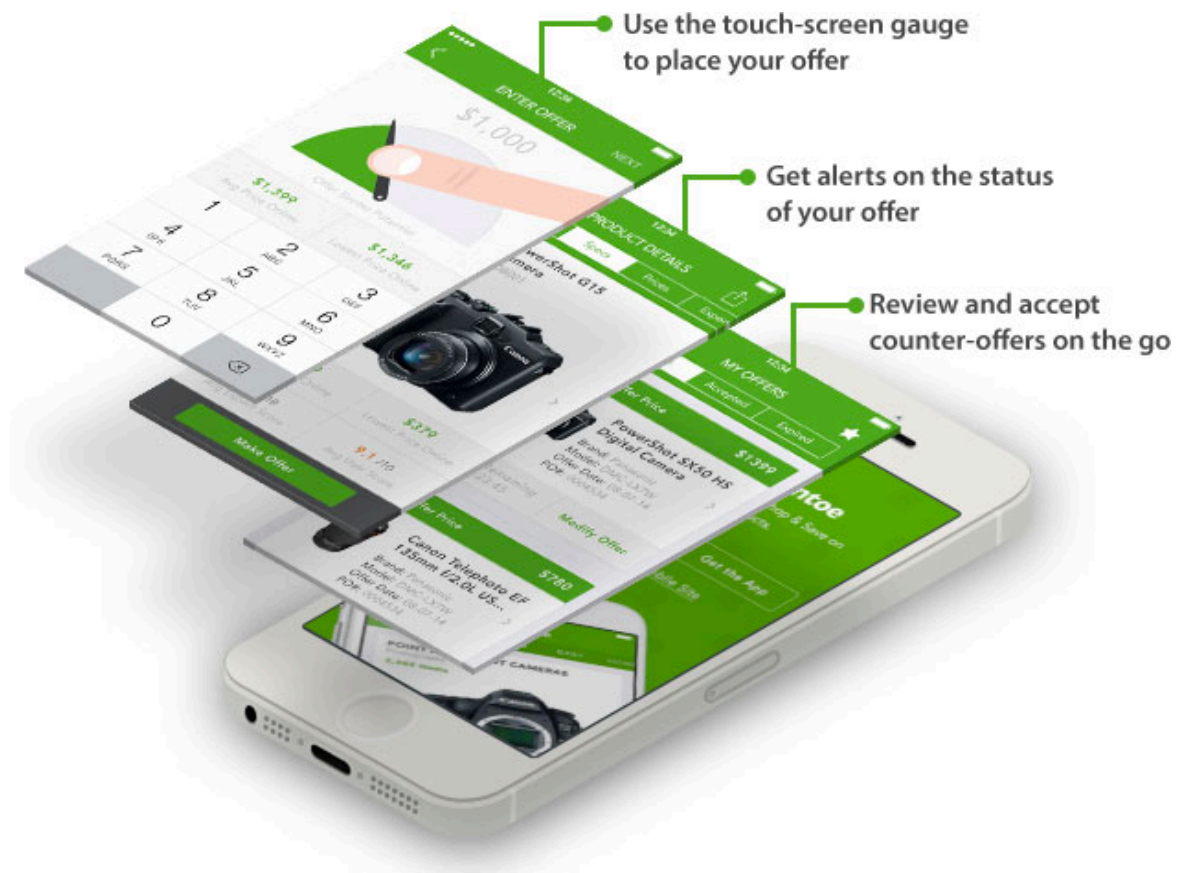
A start-up in Silicon Valley had a product idea of online shopping with a piece of reverse auctioning in it. The idea was to allow the buyer to bid for digital items and while bidding the app should show them the probability of winning, at the same time Vendors selling the items should get notified in real time and can propose counter offers.

Case Summary

Customer already had a partner for getting the app developed but the product got delayed. Also the user experience needed a revamp. Challenge was to scratch down the previous efforts and to still map the previous timeline for time to market. Techment was recommended by one of our existing client for whom we developed an enterprise solution. A team of user experience engineer, tech experts were deployed for discovery and findings phase for a week and the app on both platforms (iOS & Android) was delivered in a month..

Solution

In Order to let the buyer know the probability of winning, a touch-screen gauge was proposed to the client, which was used to place a bid. The color variations showed the probability of winning the bid; say a higher angle inclination with dark green color represented a higher bid and hence a probable win. Real time notifications on the offers made, geo-location based personalization and extensive search features helped the buyers adapt the system.



Technology

Responsive Web Platform – **Bootstrap & Angular JS**

Backend Framework – **Spring 4**

Mobile Platform – Android Phones, iPhone, iPads and Android tablets

Hosting – **Amazon (AWS)**

Learning Objectives

Touch-Screen gauge was a challenge in Android platform as compared to iOS, the android engineers with the help of Techment's Technology Consulting Group (TTCG), came up with a customized library to be used and re-used with different apps.