

People and Technology
that work for *You...*

Application Development using Ruby on Rails

Case study

Introduction

Ruby on Rails is a leading framework for rapidly developing scalable web applications. It is incredibly flexible and suitable for most of the projects that we undertake. The Model View Controller (MVC) in RoR is beautifully implemented with emphasis on DRY (Do not Repeat Yourself) and Convention over configuration concepts. This results in rapid development of application which is also easy to manage and maintain later.

Aress Offering

At Aress, we are involved with our clients from the beginning to assist with decision making and requirement finalization that is beneficial to the success of the project. We even give design advice on whether or not Ruby on Rails suits the project size, requirements and system scalability. Our team has worked on a variety of large scale RoR deployments. We can take the project from initial idea to a working prototype application at an astounding speed. This allows our clients to get a feel of how the website is going to look and work at an early stage, and their return on investment is improved through faster feedback incorporation.

Our brilliant team of Ruby on Rails developers creates amazing ruby on rails applications applying best practices of MVC and OOP. Our ruby on rails services include:

- Scalable web-based application development supporting high traffic volume.
- Porting existing web applications built in other technologies to Ruby on Rails.
- Existing RoR-based application refactoring and enhancement.

We provide rich front-end interface development using: HTML5 Logo

- HTML5 / CSS3
- jQuery / jQuery UI
- HAML, SASS, LESS
- Bootstrap

We deliver powerful server-side built over:

- Ruby on Rails Framework
- MySQL / PostgreSQL for relational database management
- Sphinx / SOLR – for full text searching

We also integrate Rails with a variety of 3rd party applications and services:

- Amazon Elastic Compute Cloud (EC2)
- Amazon Relational Database Service (Amazon RDS)
- Amazon Simple Storage Service (S3)
- Performance monitoring via New Relic
- Payment Gateways such as Paypal

Case study

Cottage Cast

Cottage Cast is a Software as a Service (SaaS) providing cottage food & beverage businesses with resources and tools to start, incubate and accelerate their business by ideating, creating, innovating, and distributing new and existing business ventures and products through channels exclusive to our services.

Cottage Casts SaaS technology relies on 5 distinct applications that function as one to deliver an all-in-one solution to assist CC members, whether they are just exposing themselves to the idea of starting a cottage business, through to members that have already commercialized their products and businesses and need to position themselves for additional channels of distribution – ie, retail shelves, online, 3rd party distributors, or through channel intermediaries.

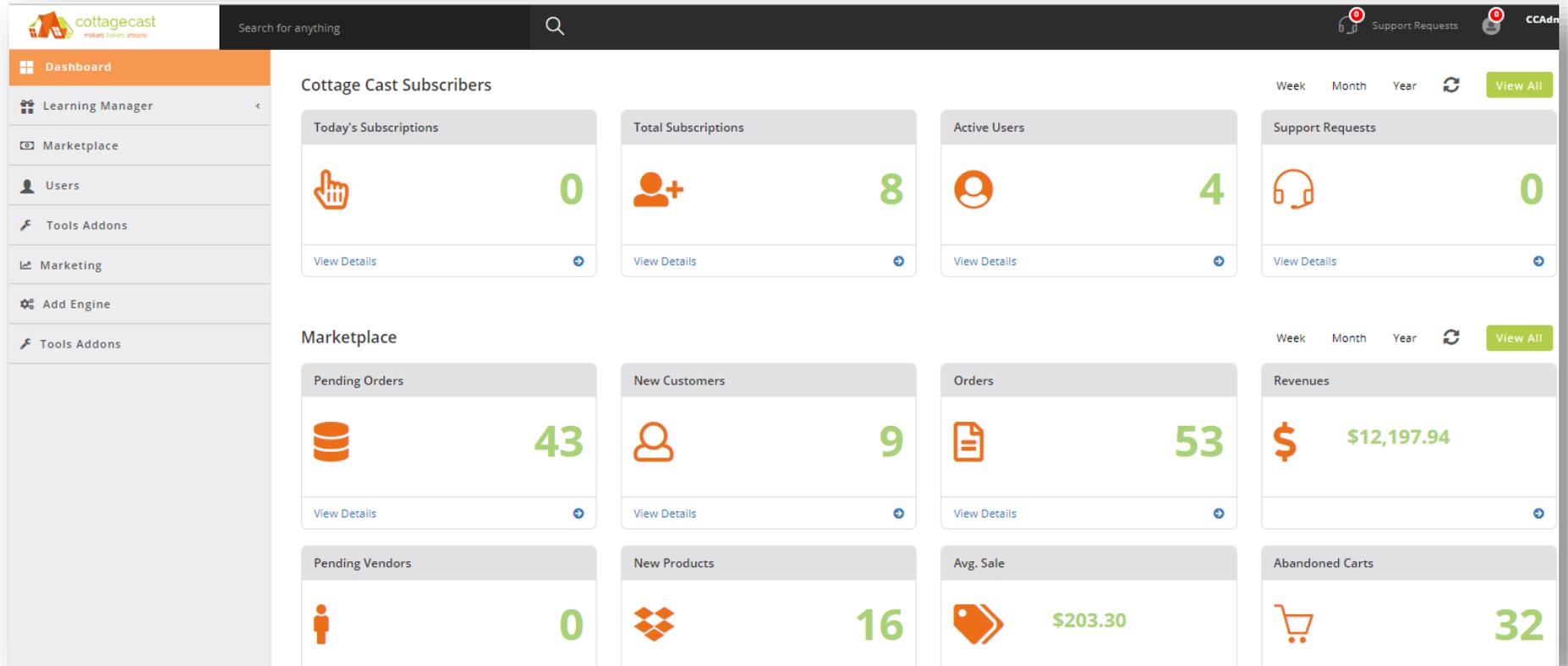
Main features are:

- **Education:** Through our proprietary Learning Management System, Cottage Cast members are lead step-by-step to help them ideate and validate their business.
- **E-commerce:** Our add-on E-Commerce modules & payment system allows members to sell online immediately.
- **Registrar & Host:** Simplified domain registration and a beautiful, professionally hosted web presence. There is absolutely NO coding required for our members!
- **Back Office:** Integrated with member's web presence, we provide an easy to use back office solution for CRM, accounting, inventory management, & marketing Automation.
- **Digital Marketing:** SEO & Social Media, Selling through 3rd party services, Cottage Cast provides one-click integrations for “most” popular channels.

- **Crowd Funding:** Cottage Cast members can connect with customers who wish to find, fund, and support the next big home-based and small business success story.
- **Marketplace Funding:** Institutional investors will have early opportunities to preview & participate in select Cottage Cast businesses.
- **B2B Marketplace:** Cottage Cast Members can participate & collaborate in B2B opportunities within the Cottage Cast Marketplace.

Dashboard

System Dashboard provides some key statistics of the website. Marketplace statistics for the administrator shows information related to Subscriptions, customers and orders. In details, it shows the count of total number of registered users, support requests, pending orders, today's subscriptions etc. Administrator can filter the records by Month, Week or Year.



-  Dashboard
-  Orders
-  Returns <
-  Products <
-  Reports
-  Promotions <
-  Users
-  Site Manager <
-  Pages

Users

[+ New User](#)

> FILTER

User	Newsletter Subscribed	
john.smith@test.com	Yes	 
peter.berth@test.com	Yes	 
brett.lee@test.com	Yes	 
ios@yusha.com	Yes	 
test111@test.com	Yes	 

Products

+ New Product

> FILTER

Quick search..

25

SKU	Status	Name ^	Master Price	
SKU-M0031SL	Available	 Amazing Cakes	\$21.00	  
DSR-98788	Available	 New cake p9	\$555.00	  
SKU-00012	Available	 Rich fruit cake	\$22.99	  
SKU-00015	Available	 Chocolate Chip Cookies	\$19.99	  
ROR-00011	Available	 Light fruit cake	\$15.99	  
SKU-00026	Available	 Sweet Baking Chocolate	\$12.00	  
SKU-00011	Available	 Milk Chocolate	\$30.00	  

25

Orders

This section allows Administrator users to see the list of orders received. In this section Administrator user can filter the records by payment state, shipping state, customer email, order number, date range etc.

Completed At	Number	Risky	State	Payment State	Shipment State	Customer E-Mail	Total
2018-04-23 9:17 AM	R862759259	Safe	complete	balance due	pending	aress.test2@gmail.com	\$29.14
2018-04-19 5:59 PM	R400627554	Safe	complete	balance due	pending	john.smith@test.com	\$60.38
2018-04-19 10:32 AM	R980717032	Safe	complete	balance due	pending	john.smith@test.com	\$608.74
2018-04-19 9:05 AM	R083848606	Safe	complete	balance due	pending	aress.cottagecast@gmail.com	\$30.38
2018-04-19 8:22 AM	R960829366	Safe	complete	balance due	pending	john.smith@test.com	\$45.57
2018-04-18 3:17 PM	R559663703	Safe	complete	balance due	pending	john.smith@test.com	\$99.50
2018-04-18 1:46 PM	R615379481	Safe	complete	balance due	pending	john.smith@test.com	\$47.80
2018-04-18	R462970740	Safe	complete	balance due	pending	aress.cottagecast@gmail.com	\$36.50

Shop products

This page displays the list of products available in the marketplace added by administrator. User can click on each product to see more details of the product. Also, user have facility to filter the products by category and price range.

Shop by Categories

- Cakes
- Cookies
- Chocolates



Light fruit cake

\$15.99



Rich fruit cake

\$22.99



Chocolate Chip Cookies

\$19.99



Sweet Baking Chocolate

\$12.00



Milk Chocolate

\$30.00



Amazing Cakes

\$21.00



New cake p9

\$555.00

Home / Products / Categories / Cakes



Light fruit cake

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.



 Cake %281%29

Variants

- Weight: 500 grms.
- Weight: 1 kg (Add: \$2.01)

Price

\$15.99

1

Add To Cart

Properties

Type	Fruit
Unit	10

Look for similar items

Cakes

Promotions

Summer Offer
10% OFF on following products.

Shopping Cart

Item	Price	Qty	Total
 <p>Rich fruit cake Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been t...</p>	\$22.99	<input type="text" value="1"/>	\$22.99 
 <p>Light fruit cake Weight: 500 grms. Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been t...</p>	\$15.99	<input type="text" value="1"/>	\$15.99 
Total			\$38.98

[Empty Cart](#) or [Continue shopping](#)

Coupon Code

[Apply](#)

[Update](#)

[Checkout](#)

Checkout

Address

Delivery

Payment

Complete

Delivery

package from **default**

Item	Qty	Price
 Rich fruit cake	1	\$22.99
 Light fruit cake	1	\$15.99

Shipping Method

- UPS Ground (USD) **\$5.00**
- UPS Two Day (USD) **\$10.00**
- UPS One Day (USD) **\$15.00**

Order Summary

Item Total:	\$38.98
US Country Tax Rate 5.0%	\$1.95
Shipping total:	\$5.00
Order Total:	\$45.93

Checkout

Address

Delivery

Payment

Complete

Payment Information

Use an existing card on file
 Use a new card / payment method

Adam Parkar	XXXX-XXXX-XXXX-1111	2 / 2021	<input checked="" type="radio"/>
Adam Parkar	XXXX-XXXX-XXXX-1881	2 / 2025	<input type="radio"/>
test test	XXXX-XXXX-XXXX-4242	5 / 2021	<input type="radio"/>

Coupon Code

Save and Continue

Order Summary

Item Total:	\$38.98
US Country Tax Rate 5.0%	\$1.95
Shipping total:	\$5.00
Order Total:	\$45.93

Checkout

- Address
- Delivery
- Payment
- Confirm
- Complete

Confirm

Billing Address [\(Edit\)](#)

test test
test
test AL 35007
United States
Phone 1111111111

Shipping Address [\(Edit\)](#)

test test
test
test AL 35007
United States
Phone 1111111111

Shipments [\(Edit\)](#)

From default via UPS Ground
(USD)

Payment Information [\(Edit\)](#)

 Ending in 1111
Adam Parker (\$45.93)

Item		Price	Qty	Total
	Rich fruit cake Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been t...	\$22.99	1	\$22.99
	Light fruit cake Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been t... (Weight: 500 grms.)	\$15.99	1	\$15.99
Subtotal:				\$38.98
Shipping: UPS Ground (USD)				\$5.00
Tax: US Country Tax Rate 5.0%				\$1.95
Order Total:				\$45.93

Place Order

Doctors Practice Accreditation

Aress Software has developed an online web application for Doctors Practice Accreditation for the RCGP via a UK partner. This is an outcome of a thorough study of the practical framework that the Accreditation system. The straightforward process has been designed to be manageable for practices of all sizes. This online web application enables practice teams to improve their organisational quality of care. Forward looking practices thus are able to see immediate benefits by progressing towards accreditation.

The standards reflect key aspects of primary care, particularly the organizational systems and processes that ensure delivery of safe and quality care, facilitate ongoing team development and recognize the contribution to quality improvement that can be made by the whole practice team. Doctors Accreditation is a quality standard aimed and tailored specifically for General Practice.

The online web application helps practices to apply for the program follow a process that can be completed within a minimum timeframe of six months and a maximum of two years, thus helping them to get accredited.

STANDARD MANAGEMENT

Domain Name	Standard Name	Standard ID	Stage	Rank	Link To Other Standards	Action
Health Inequalities	Planning services to address health needs and inequalities	1	Stage 1	0	(2,3,61)	
Health Inequalities	Planning and evaluating services	2	Stage 1	4	(1,4)	
Health Inequalities	Meeting special health needs	3	Stage 1	5	(1)	
Health Inequalities	Identifying risk factors for individuals and specific groups	4	Stage 1	6	(1,2,5)	
Health Inequalities	New patient health check	5	Stage 1	0	(4,49)	
Health Inequalities	Identifying carers and their health needs	6	Stage 1	0	(1,7)	
Health Inequalities	Carers' needs	7	Stage 2	8	(1,3,6)	
Health Inequalities	Children with disability	8	Stage 2	9	(1,3)	
Health Inequalities	Patients with sensory impairment	9	Stage 2	11	(1,3)	
Health Inequalities	Patients with physical disability	10	Stage 2	27	(1,3)	
Health Inequalities	Patients with mental health needs	11	Stage 2	12	(1,3)	

Health Inequalities

Provider Management

Premises Management

Provider Teams

Learning Organisations

Patient and Carer

VIEW ASSESSMENT SUMMARY

FEEDBACK REPORTS

STANDARDS - 31/46

- ▶ Standard 1 *
- ▶ Standard 2 *
- ▶ Standard 3 *
- ▶ Standard 4 *
- ▶ Standard 5 *
- ▶ Standard 6 *
- ▶ Standard 13 *

Flag Legend:

- ▶ Edited
- ▶ Ready
- ▶ Submitted
- ▶ Achieved
- ▶ Not achieved
- ▶ Re-Submit
- ▶ Re-Submitted

Planning services to address health needs and inequalities (*Mandatory Standard)

The team has a structured approach to addressing health needs and inequalities which includes: (a) developing services that meet the needs of vulnerable, disadvantaged and 'seldom heard' patients; (b) ensuring that vulnerable groups are encouraged to participate in health promotion activities, such as breast screening, cytology, smoking cessation and other healthy lifestyle programmes; (c) working with its PCO and other agencies on community development initiatives that endeavour to meet the health needs of patients.

Supporting Information:

Written description of approach and evidence of implementation.

Guidance:

Preparation Of Supporting Information:

The system should ensure the provider can:
 Monitor and understand Provider patient demographics
 Identify health risks for specific ethnic groups, and vulnerable and disadvantaged groups (remember carers) and generically or for individuals
 Record health risks in the patient record
 Audit the data and
 Use the information to make decisions about services – ensuring the health needs of individuals and groups are met
 Link provide links with other agencies to influence healthy living and health needs – locally and nationally
 Demonstrate how vulnerable groups are encouraged to participate in health promotion activities

Tips:

Theme:

Strategic

Standard(s) Link:

Provider Comments on Standard

This practice has a growing list, moving from around 5,500 patients in 1993 to 11,900 patients in June 2011. The list size remains predominately White British – around 97%, with no deprivation scoring, a handful of patients with alcohol or drug problems and few other disadvantaged numbers. Such demographics are incorporated into our annual business plan and updated as and when national Census data is available. It remains difficult for individual to develop and fund specific services, which is one of the reasons this practice has been active within the local Clinical Commissioning Group. Most measurable targets – cytology, childhood vaccination, enhanced services for smoking indicate that this

Appraisal and Revalidation System for Doctors

This appraisal and revalidation toolkit was developed for doctors who would like a more user-friendly appraisal system. It is a portal to store, retrieve, share and communicate with other doctors. The features we are creating are endless and certainly different from any of the currently available products.

Appraisee - The appraisal and revalidation toolkit contains all the features that are currently required by the GMC and much more...

- Less noise on your screen allowing you to focus on your task more clearly.
- Ample storage for your appraisal work at 100MB per user and this will increase with time.
- Each entry can easily be downloaded in PDF format.
- The entire appraisal for the year can be downloaded in PDF form at any time.
- Use your mobile phone to send reminders to your appraisal.
- Form educational groups and organise meetings with other colleagues.

Appraiser –

- Appraisee features plus:
- Navigate through the website with great ease using our help icons.
- View all entries shared by the appraisee with you and comment on them throughout the year. The discussion can continue in a blog format and will be recorded in the portfolio.
- Switch roles instantly from appraiser to appraisee, so you can do your own appraisal whilst checking on your appraisees' progress.
- Communicate with your appraisee to arrange meetings directly from our website rather than by e-mails.

Non-medical Users –

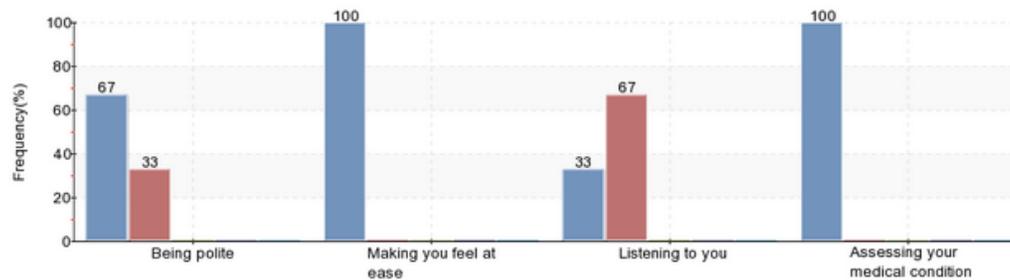
Practice managers, course organizers, or other administrative staff can form educational groups and manage educational meetings for doctors. The owner of the group can enter a summary of the issues discussed during the meeting and forward this to all the members of the group thus easing workload and minimize repetitive actions. Doctors can then view the content and be able to write their own comments beside it before finally logging it as a learning activity.

Question 4: How good was your doctor today at each of the following?

	Poor	Less than satisfactory	Satisfactory	Good	Very good	Does not apply	Not specified
4a Being polite	2	1	0	0	0	0	0
4b Making you feel at ease	3	0	0	0	0	0	0
4c Listening to you	1	2	0	0	0	0	0
4d Assessing your medical condition	3	0	0	0	0	0	0
4e Explaining your condition and treatment	3	0	0	0	0	0	0
4f Involving you in decisions about your treatment	3	0	0	0	0	0	0
4g Providing or arranging treatment for you	3	0	0	0	0	0	0

Figure 10: Distribution for questions 4a to 4d

■ Poor ■ Less than satisfactory ■ Satisfactory ■ Good ■ Very good



Current Appraisal (Apr 2013 - Apr 2014) ?



Dr. Jesica Dsouza
 1234562
 aress.test@gmail.com
 Jesica.Dsouza@emedspace.com
 SMS Code- 1osdshem
 SMS to number- +44 7537 410114

Appraisal and Revalidation Details

- ➔ Due date of current appraisal: 01 Apr 2014

- ➔ The appraisal number for this cycle of revalidation: 1

- ➔ Name of designated body:

- ➔ Current responsible officer: Not Assigned

- ➔ Revalidation due date: 01 Apr 2018

	Appraisal	Revalidation
Profile		
Manage Personal Information		
Scope of Work	1/1 ●	1/5 <input type="radio"/>
Previous Appraisals		
Perspectives		
Colleague Feedback	0/1 ●	0/1 <input type="radio"/>
Patient Feedback	1/1 ●	1/1 <input type="radio"/>
Self Assessment Questionnaire		
Proof		
SEA	5/2 ●	5/10 <input type="radio"/>
CPD	65/50 ●	50/250 <input type="radio"/>
Quality Improvement Activities	5/1 ●	5/5 ●
Complaints & Compliments	4/1 ●	4/5 <input type="radio"/>
RPP	10/1 ●	5/5 ●

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