Roots

Think of us as the heart rate monitor that tracks franchisee's health.

George Gillette

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Tiffany Jaya

tiffanyjaya@berkeley.edu

Problem

Limited Insight





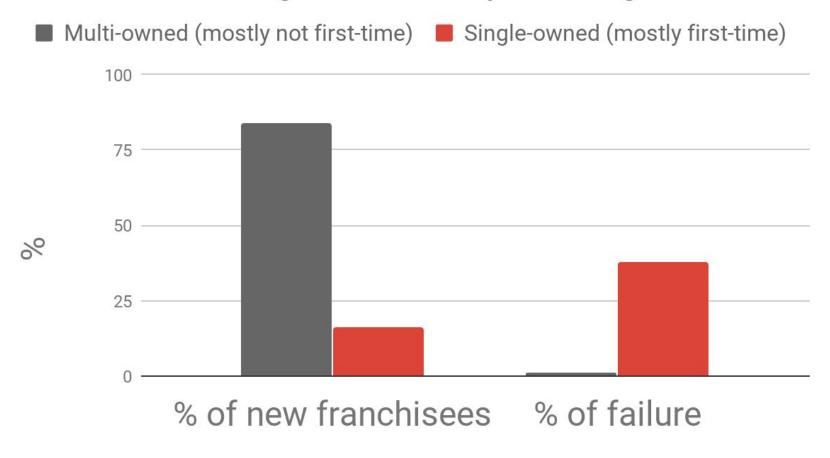
Franchisor, our customer

Franchisee

Reason

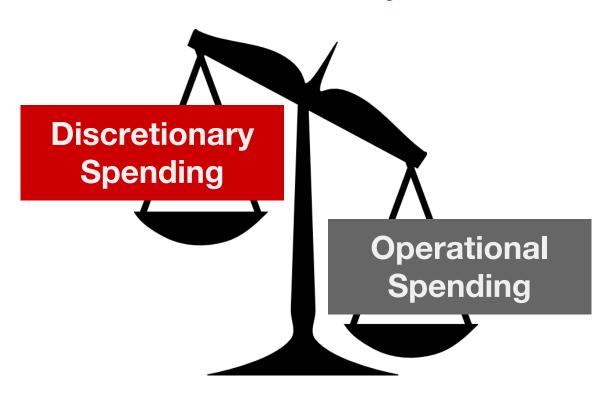
1st time franchisees...

Failure rate among first-time buyers is high



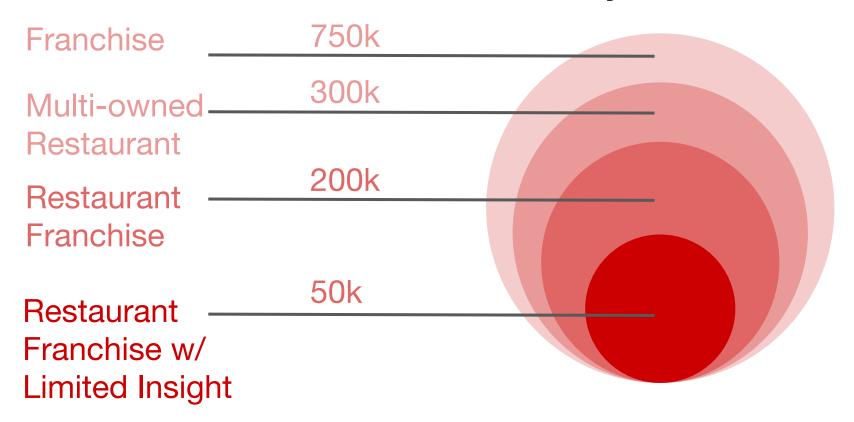
Reason

...with discretionary spending



Market Size

~\$36B growth last year alone



^{*} http://www.nrn.com/franchising/ifa-franchise-sector-expected-grow-36b-2017

Competitive Landscape

Old school

- Weekly to monthly phone call check-ins
- Hire a consultant

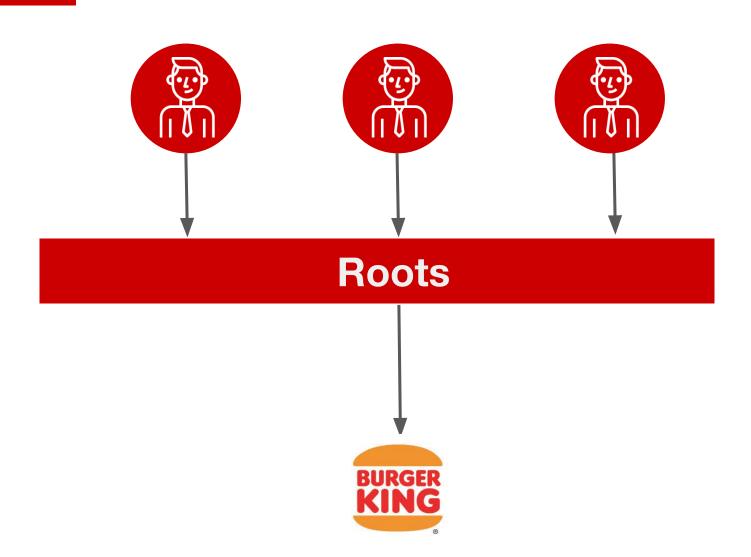
Specific

- Yodle: local marketing
- Quickbooks: accounting

Operational instead of discretionary spending

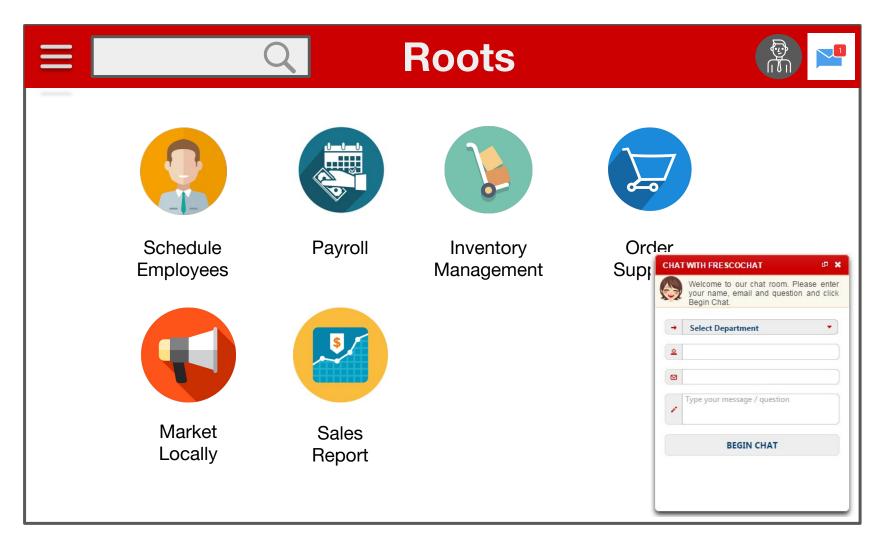
Decision Logic

Solution



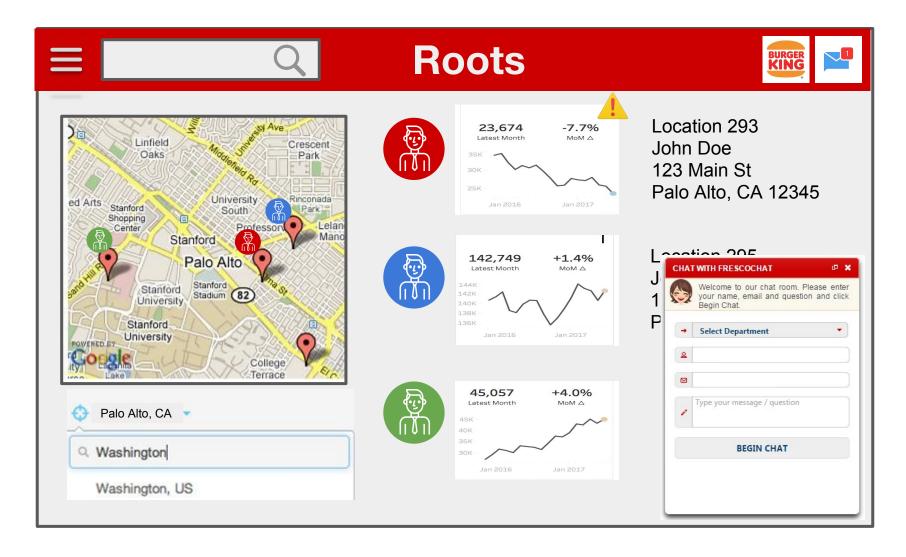
Solution





Solution





Team



George Gillette

MS in Transportation
Cofounded engineering group
(>100 members)
Forecasting and spatial analytics



Tiffany Jaya

MS in Data Science
6 years software engineer
2 years data scientist
Worked in food industry
Family used to own a franchise

Unfair Advantage



Unfair Advantage







Positioning

Automated



Roots

Operational Spending

Discretionary Spending



yodle[,]

Manual

Business Model 1\$(5%) Customer BURGER Acquisition Services **Tech Suite** Software Roots COGS \$ **Subscription** \$50/mo per franchisee

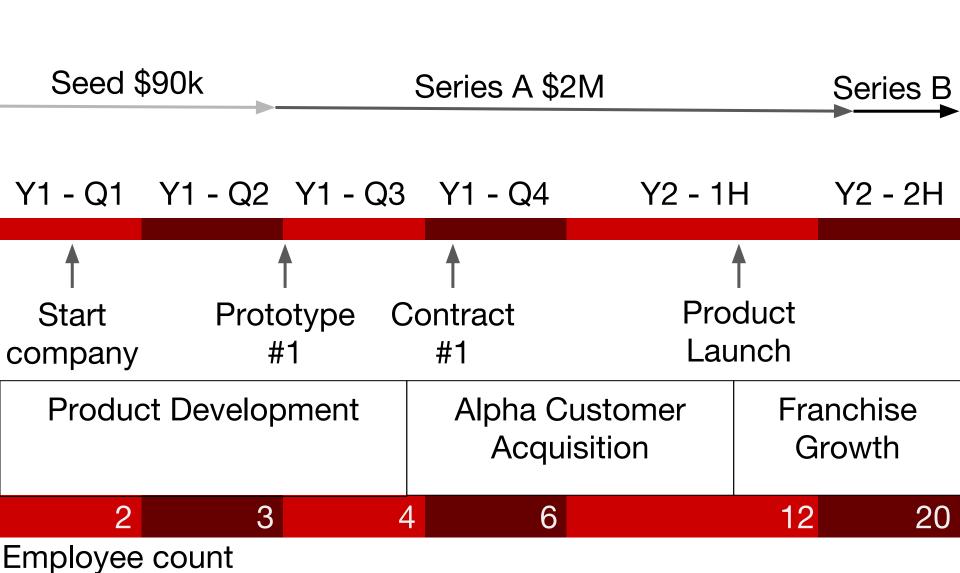
Market & Sales Strategy

- 1. Test prototype with free distribution and leverage potential connections
- 2. Develop relationships across different restaurant franchises and validate analytics
- 3. Use relationship with successful franchisors as branding to those with high failure rate

Financial Projection

Year 1	Year 2	Year 3	Year 4	Year 5
160	4352	31290	86935	141950
0	160	4200	27300	61000
160	4200	27300	61000	84000
5%	5%	5%	5%	5%
\$48,000	\$2,611,200	\$18,774,000	\$52,161,000	\$85,170,000
\$48,000	\$2,611,200	\$18,774,000	\$52,161,000	\$85,170,000
\$7,680	\$417,792	\$3,003,840	\$8,345,760	\$13,627,200
\$40,320	\$2,193,408	\$15,770,160	\$43,815,240	\$71,542,800
\$324,000	\$1,620,000	\$4,860,000	\$9,720,000	\$11,923,800
\$205,000	\$913,920	\$6,570,900	\$18,256,350	\$38,326,500
\$168,000	\$840,000	\$2,520,000	\$5,040,000	\$8,517,000
-\$656,680	-\$1,180,512	\$1,819,260	\$10,798,890	\$12,775,500
per franchisee				
	160 0 160 5% \$48,000 \$48,000 \$7,680 \$40,320 \$324,000 \$205,000 \$168,000 -\$656,680	160 4352 0 160 160 4200 5% 5% \$48,000 \$2,611,200 \$48,000 \$2,611,200 \$7,680 \$417,792 \$40,320 \$2,193,408 \$324,000 \$1,620,000 \$205,000 \$913,920 \$168,000 \$840,000 -\$656,680 -\$1,180,512	160 4352 31290 0 160 4200 160 4200 27300 5% 5% 5% \$48,000 \$2,611,200 \$18,774,000 \$48,000 \$2,611,200 \$18,774,000 \$7,680 \$417,792 \$3,003,840 \$40,320 \$2,193,408 \$15,770,160 \$324,000 \$1,620,000 \$4,860,000 \$205,000 \$913,920 \$6,570,900 \$168,000 \$840,000 \$2,520,000 -\$656,680 -\$1,180,512 \$1,819,260	160 4352 31290 86935 0 160 4200 27300 160 4200 27300 61000 5% 5% 5% 5% \$48,000 \$2,611,200 \$18,774,000 \$52,161,000 \$7,680 \$417,792 \$3,003,840 \$8,345,760 \$40,320 \$2,193,408 \$15,770,160 \$43,815,240 \$324,000 \$1,620,000 \$4,860,000 \$9,720,000 \$205,000 \$913,920 \$6,570,900 \$18,256,350 \$168,000 \$840,000 \$2,520,000 \$5,040,000 -\$656,680 -\$1,180,512 \$1,819,260 \$10,798,890

Timeline



Mitigation Plans

Launch date delayed

- Minimum features
- Designed slack time

Franchise cooperation

- Data integrity checks
- Alliance with franchise manager

Market penetration

- Brand with successful franchises
- Within franchise expansion
- Multiple franchising industries

Initial Finance Requirements

\$2M