



Busy and No time



Difficult to book service



Outside workshop (B-Quick etc.) Honda loss business





Active customer:
Visit dealer for service once or more in a year

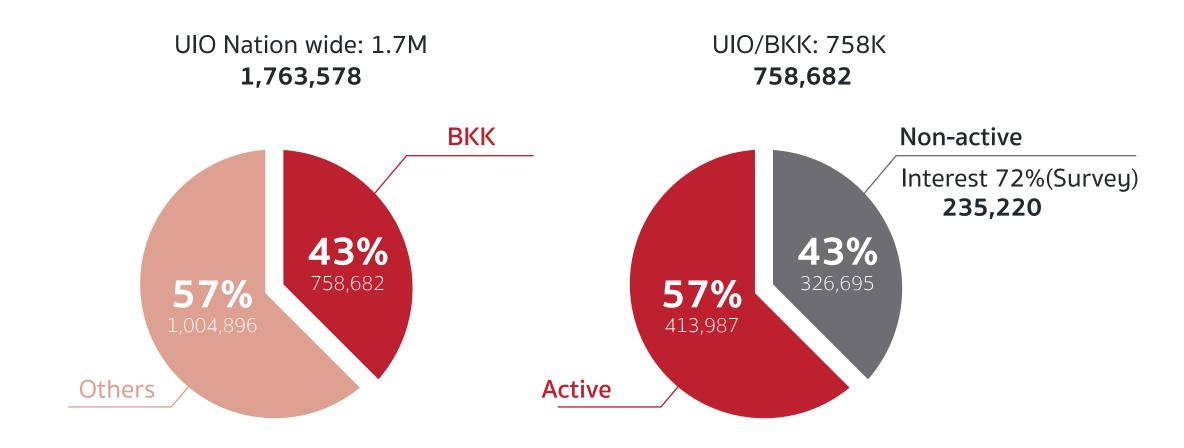


Non - active customer: Have no records of visiting for service within a year

*Based on survey (Sample size: 150 persons)

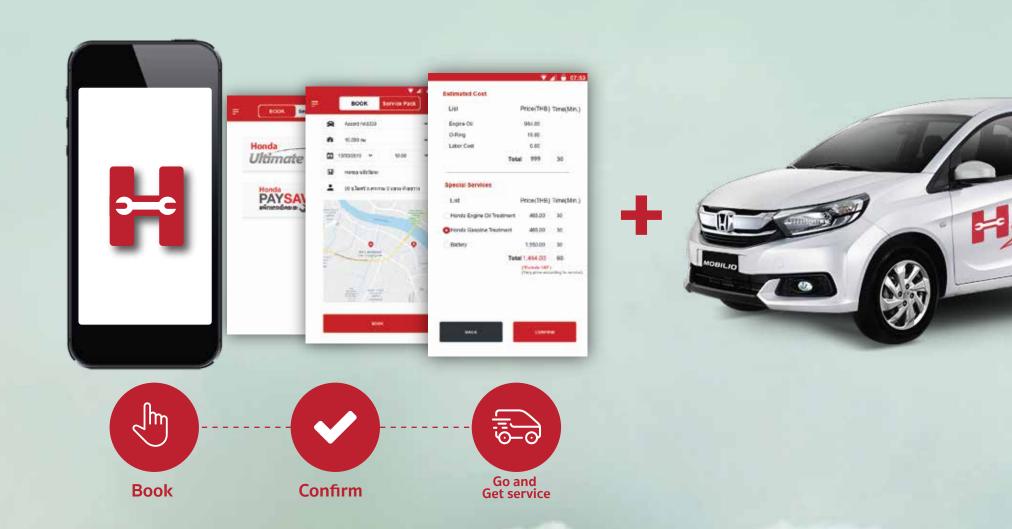


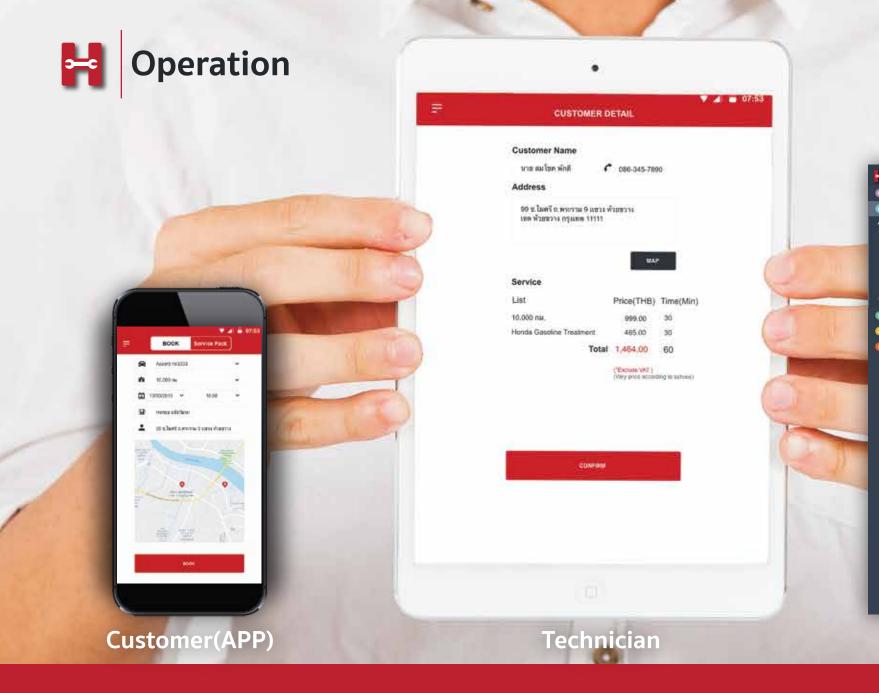
Market size - Potential to use mobile SV



UIO: Unit in Operation

Product







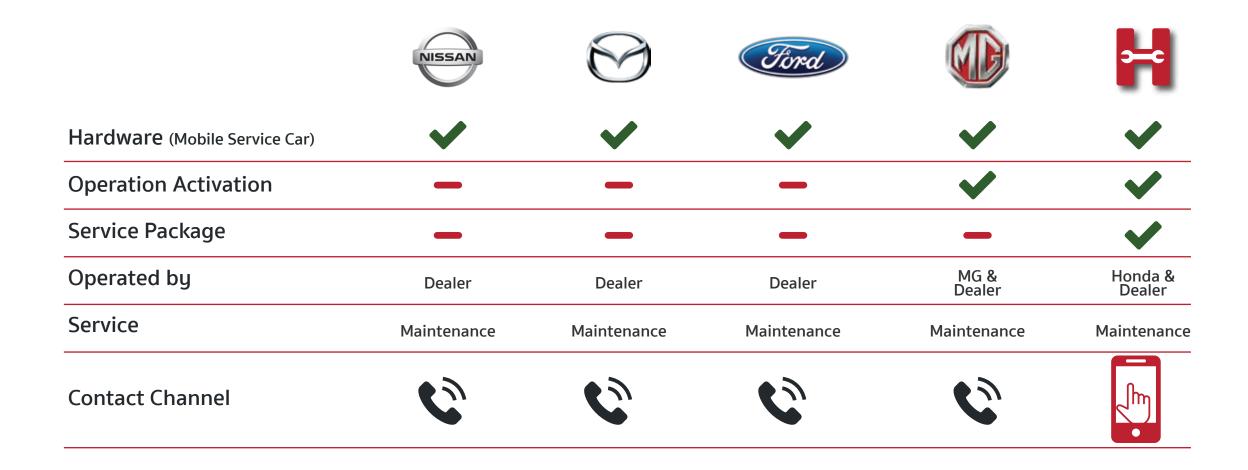
Competitive Landscape

Mobile Service Car (Available)

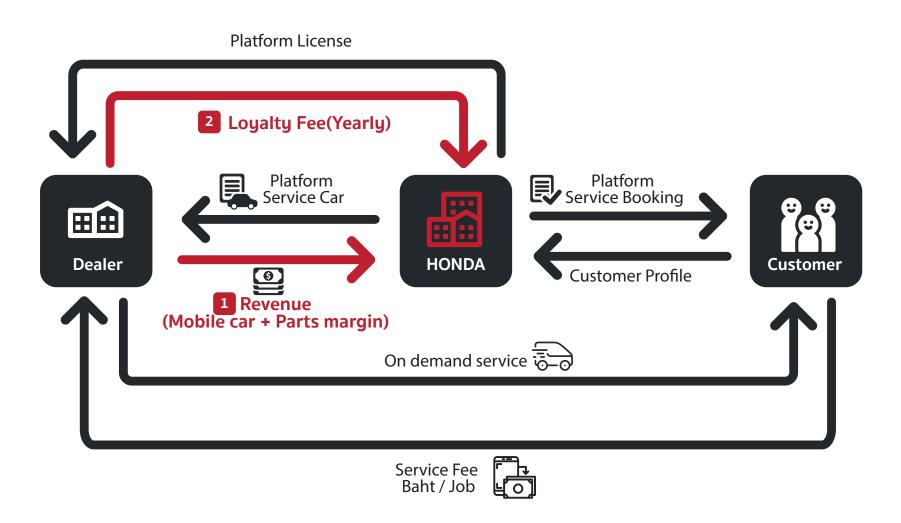


Mobile Service Car (Unavailable)

Comparison



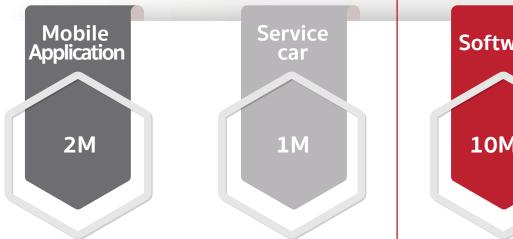
Business model Revenue Stream

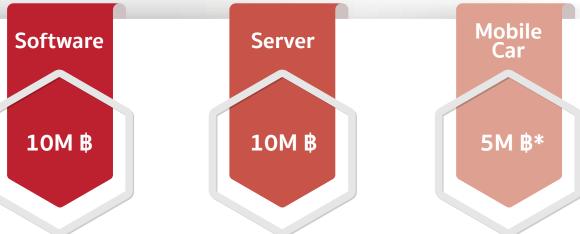


Trial 3M B

Production Total Investment 25M B

ROI= ~3 Years



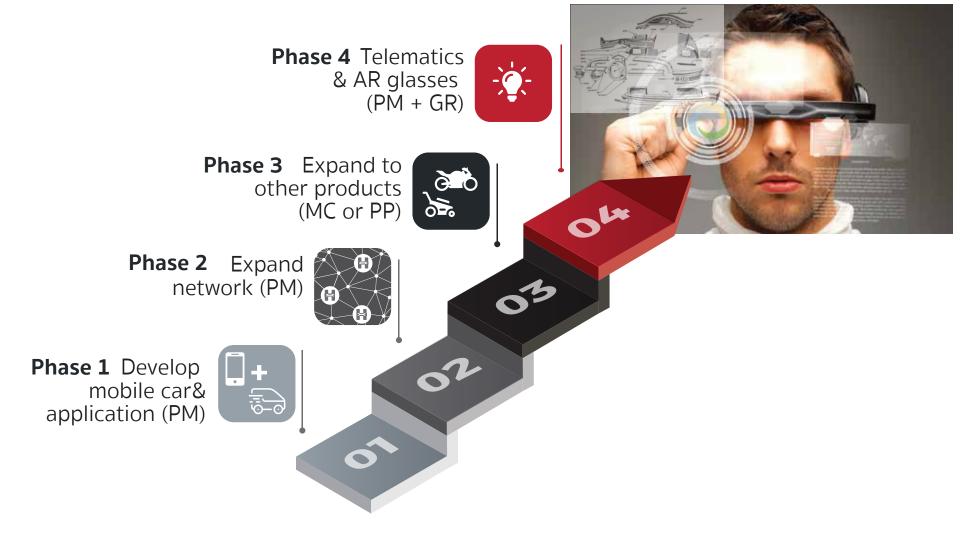


^{*} For mobile service car 5 units











CEO – AnnMiss Wachiraporn Kumpeepong
Automobile Service

Miss Kaniknan Panomprai painting department PA-P

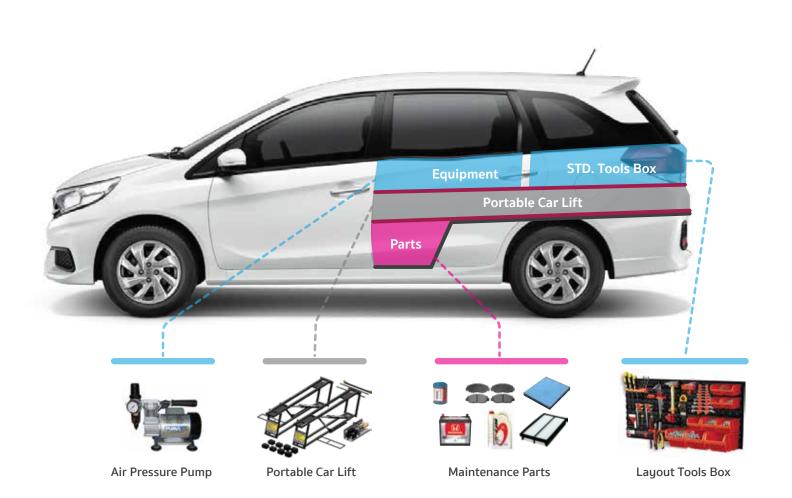
Miss Kanchana Parinyapornkun Motorcycle Service Miss Chalatharn Rattanapanich
Parts Planning

Mr. Apichai Lertjanyakul





Side view



Rear view



Body Frame Line

Modified Floor

Weight Load Estimation

Max load: 550 kg

Tech x 2 200 kg Tools/Box 100 kg Portable Lift 100 kg Parts 50 kg

Allowance 100 kg

General Repair Tech x 1

- Final inspection, Repair advice Periodic Maintenance Tech x 1
- · Maintenance process





Enable to service all maintenance job

Portable with easy moving and light weight

Investment cost

Estimated cost	1,000,000
Total	990,000
Modification + Decoration	180,000
Tablet for Techncian	20,000
Honda MOBILIO (S Grade - AT)	659,000
GPS Tracker	5,000
Protection Kits	3,000
Portable Air Pressure Pump	7,000
Portable Car Lift	60,000
Standard Tools	56,000

appendix Honda Model: Weight



Amaze 954 KG



City 1,102 kg



Accord 1,560 6



Brio 937 kg



JAZZ 1,086 kg



CR-V 1,742 KG



Mobilio 1,173 kg



Civic 1,317 KG



HR-V 1,297 KG



BR-V 1,241 kg



Civic (5D) 1,316 KG

Lift Max capacity: 2,268 kg Lift capacity can support all Honda models.

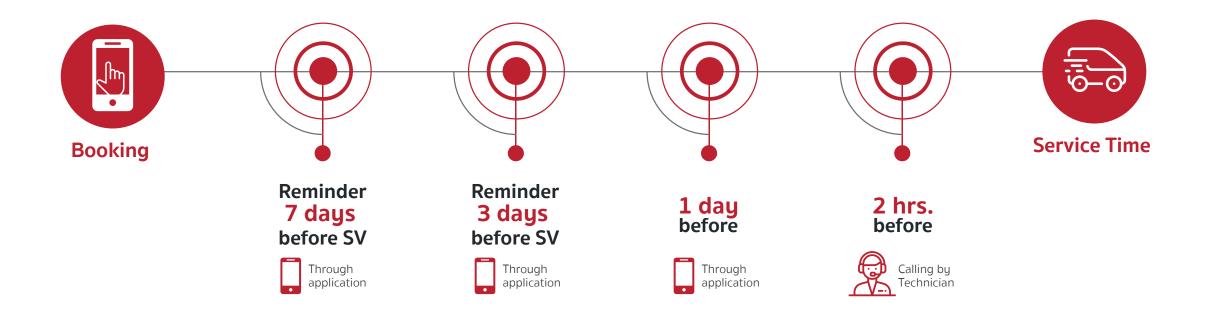
appendix Service at home – Working Space

Service conditions

- 2.5m x 2.5m
- Hard/Stone Floor
- Do not provide service in case of raining

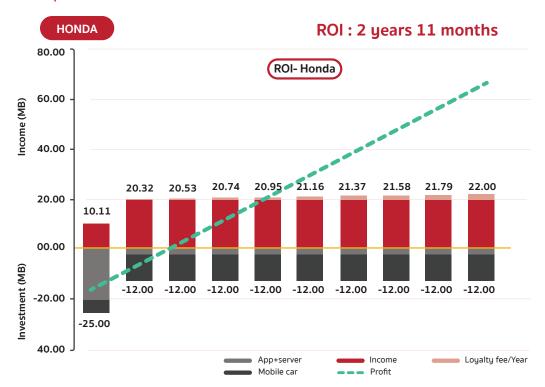


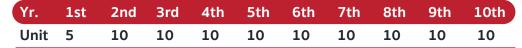
Feature	Honda	Dealer	Technician	Customer
Mobile application				
Job appointment	-	-	\bigcirc	\circ
Map/Tracking	-	-	\circ	\circ
Notification	-	-	0	0
Payment	-	-	0	0
Review/Rating	-	-	0	\circ
Inspection sheet	-	-	0	-
Web application				
Booking management	-	\bigcirc	-	-
Update Technician data	0	0	-	-
Update Dealer data	0	\circ	-	-
Service car tracking	0	-	-	-
Application Feature	0	0	-	-



Objective Avoid booking cancellation from customers and miss-opportunity for other service

appendix Feasibility Study



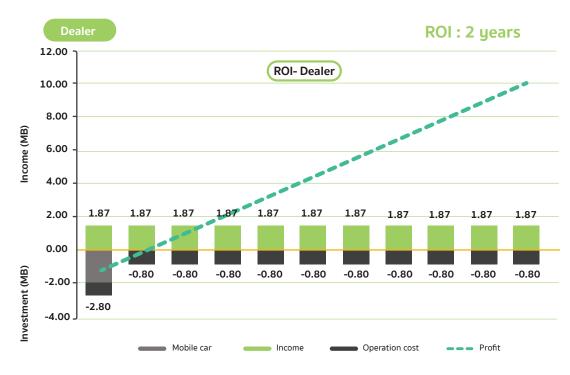


1st Year Investment

- Application 10M
- Server 10 M
- Mobile Car 5M (5 units)

Later Years Investment

- Server Maintenance 2M/year
- Mobile Car 10M (10 units)/year



1st Year Investment Income Estimation

- 1. Mobile car cost
- 2. Running Cost/year
- Loyalty fee/year
- Maintenance fee (Car + Tools & Equip)
- Fuel expense
- Insurance fee
- 3. Expense/year
- Technician salary (2 persons)

- Service Job/Day = 4 Jobs/Day
- Revenue/Job (AVG) = 3,300 Baht (Parts margin 28%, Labor 100%)
- *Yearly Revenue = 1,872,000 Baht

Later Years Investment

- 1. Running Cost/year
- Loyalty fee
- Maintenance fee (Car + Tools & Equip)
- Fuel expense
- Insurance fee
- 2. Expense/year
- Technician salary (2 persons)

appendix Maintenance Time Estimation

6 at

Km.	PM Time
10,000	30
20,000	30
30,000	30
40,000	60
50,000	30
60,000	60
70,000	30
80,000	90
90,000	30
100,000	60
110,000	30
120,000	60
130,000	30
140,000	60
150,000	30
160,000	60
170,000	30
180,000	60
190,000	30
200,000	60

Avg. Time = 45 min

Km.	PM Time
10,000	60
20,000	60
30,000	60
40,000	90
50,000	60
60,000	90
70,000	60
80,000	120
90,000	60
100,000	90
110,000	60
120,000	90
130,000	60
140,000	90
150,000	60
160,000	90
170,000	60
180,000	90
190,000	60
200,000	90

Avg. Time = 75 min.



Servicing Time

Travelling Time

75 min. / job

30 min. / trip

Average per maintenance job

Within 10 km. distance

Service Unit	Service Time (min.)	Service Time (hr.)	Travelling Time (min.)	Travelling Time (hr.)	Total Time (min.)	Total Time (hr.)
1	75	1.3	60	1.0	135	2.3
2	150	2.5	90	1.5	240	4.0
3	225	3.8	120	2.0	345	5.8
4	300	5.0	150	2.5	450	7.5
5	375	6.3	180	3.0	555	9.3
6	450	7.5	210	3.5	660	11.0

Mobile Service Capacity = 4 units / mobile service car / day



Next Plan for Prototype (Trial)

