M-BOX Group 7

COACH: Adrian TEAM MEMBERS: Man Changhai, Samuel Bedeau, Xu zhi, Chen Zhuoyu, Wang Wei, Chen Yanbing





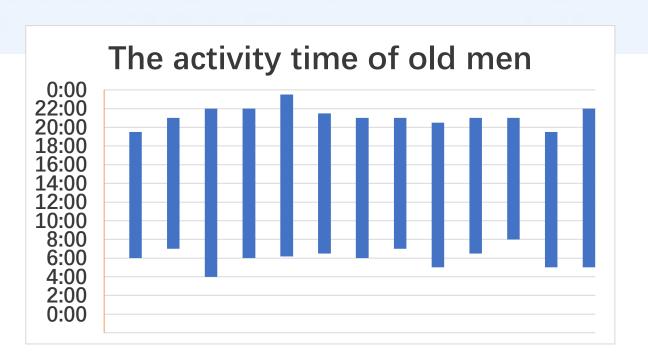




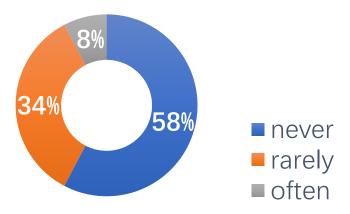
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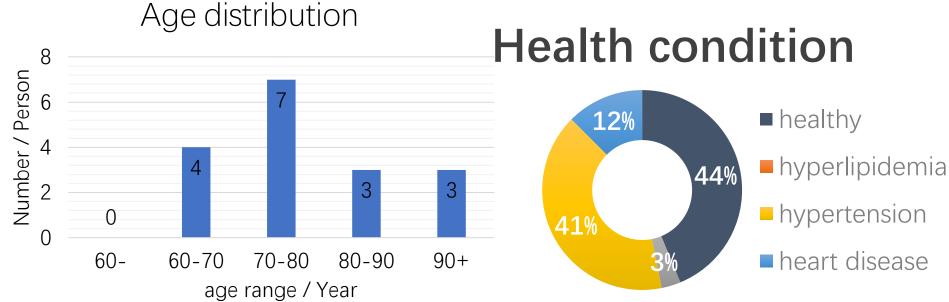
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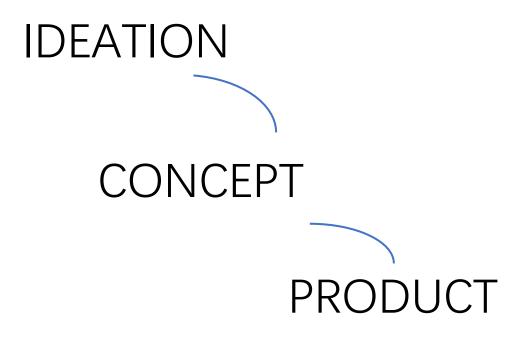
elderly people died from irrational drug using



Forgetfulness









USE WHAT YOU LEARNT

A Modular Pill Box that Reminds You When and How Much Medicine to Take

IDEATION

LIGHT- Plastic/Alufer/Carbon fiber

SMALL- Dimension

FLEXIBLE- Moveable

REMINDER

NOTIFY

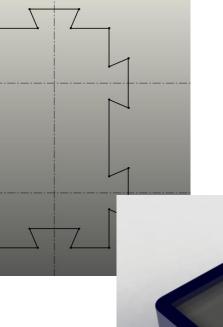
CONCEPT



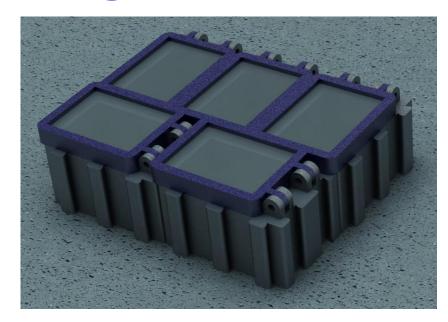




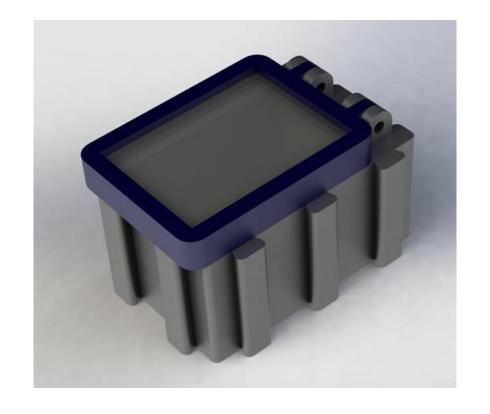
together

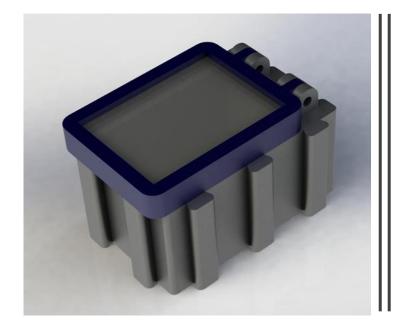






	Bottle	Вох
Realizability (35%)	3	8
Simplicity (25%)	7	6
Reliability (25%)	5	7
Innovativeness (15%)	8	6
Total	5.25	6.95









AESTHETIC OPTIMIZE

Group 7

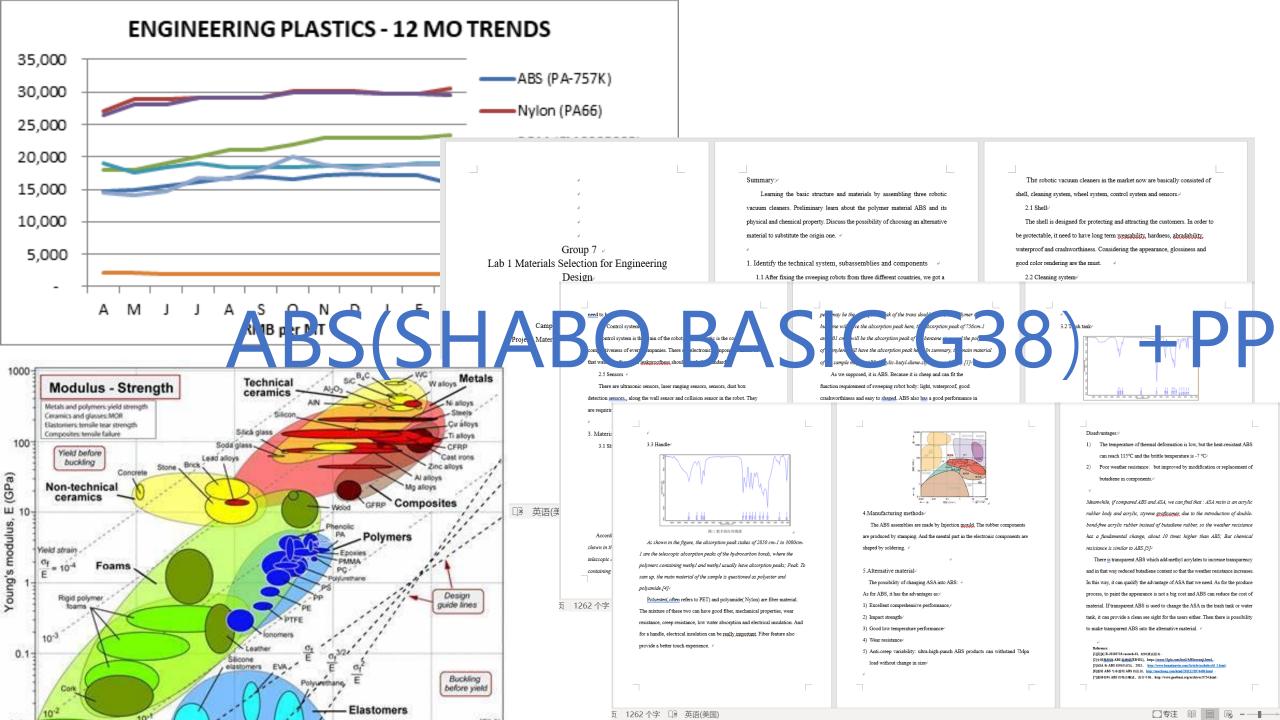
M-BOX

AUG 2nd



Put your heart at rest.





Selected Plan And Reasons







M-BOX networkmmunicate with phor

1.bluetooth module 2.WiFi module

3.AD hoc network

P

1.bluetooth module

2.WiFi_module



1.Weight detection

2.switching circuit

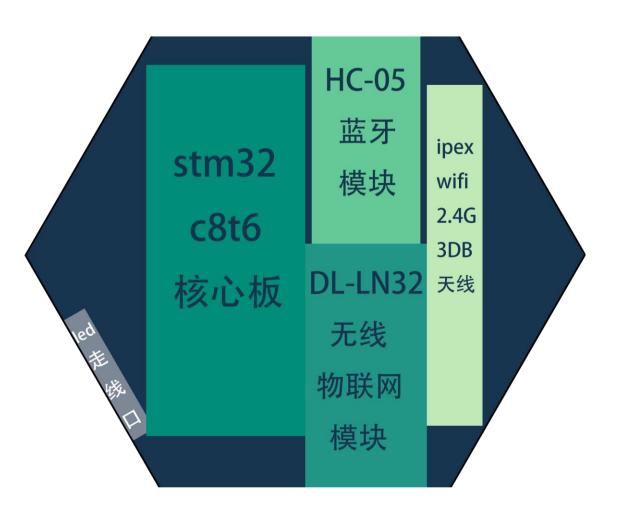


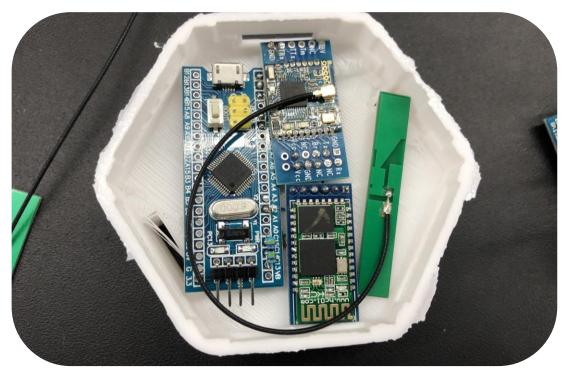
easy access data for children

1.blockchain

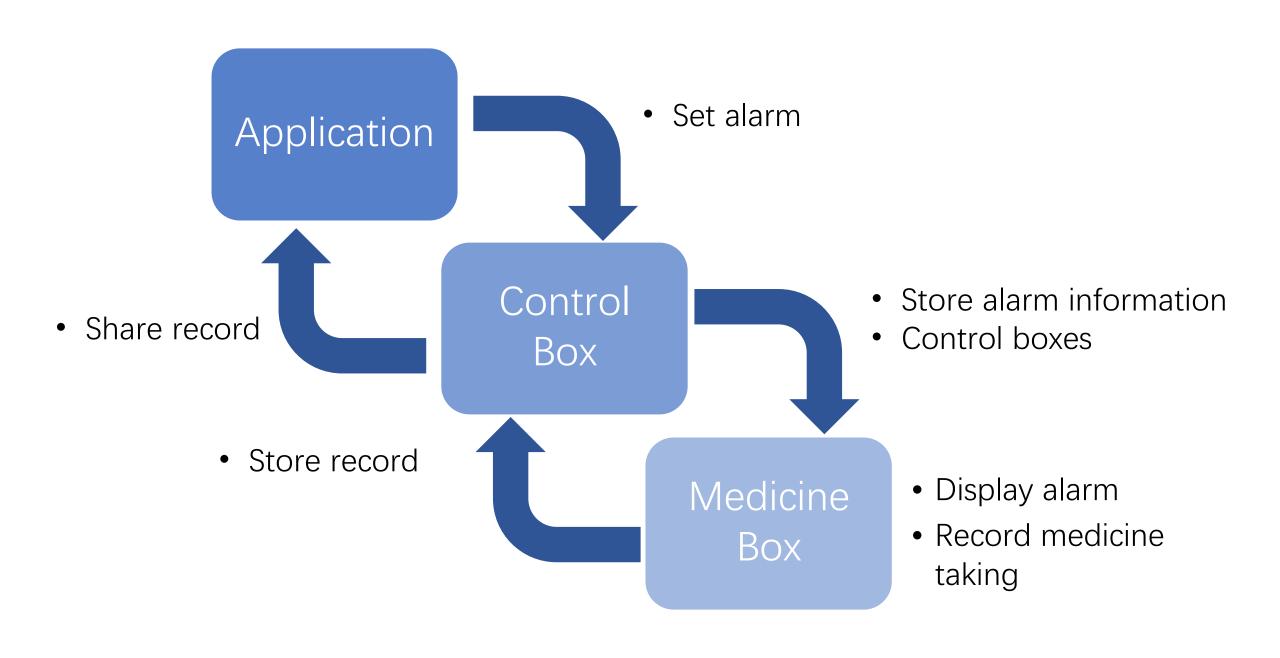
2. Alibaba Cloud

Final Module Sample

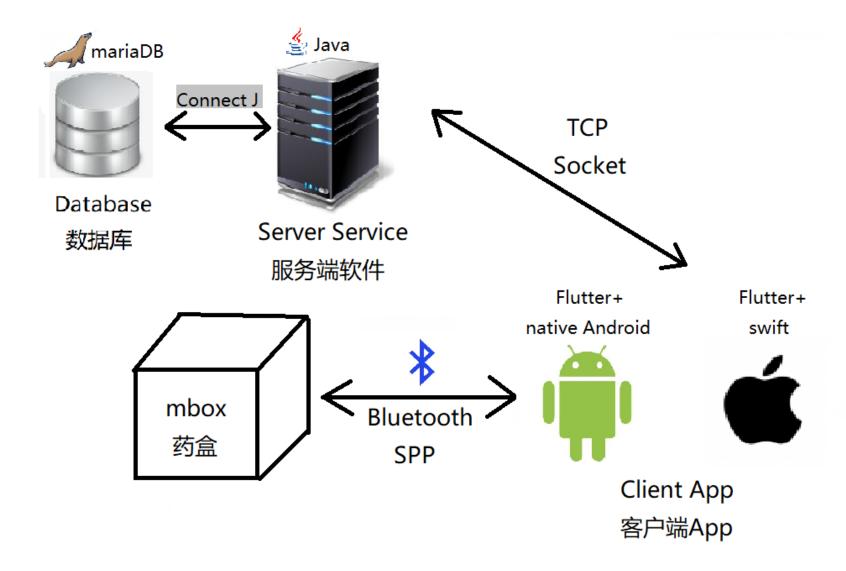


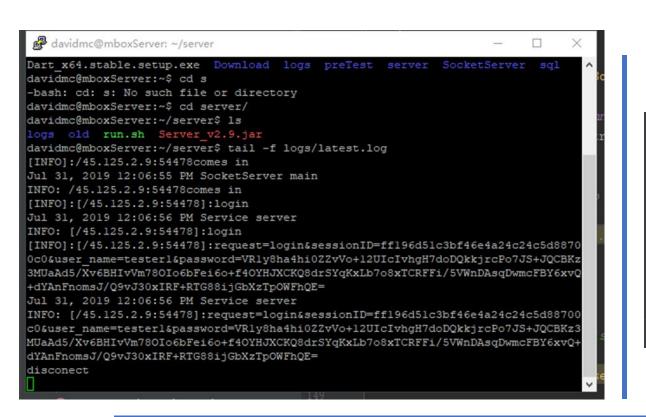


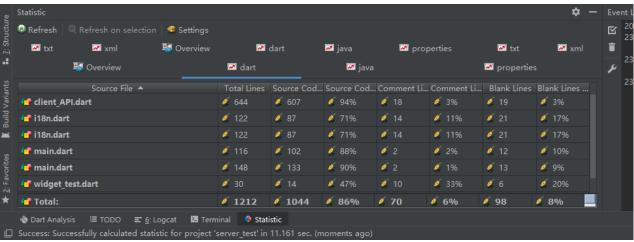
only Master box has bluetooth



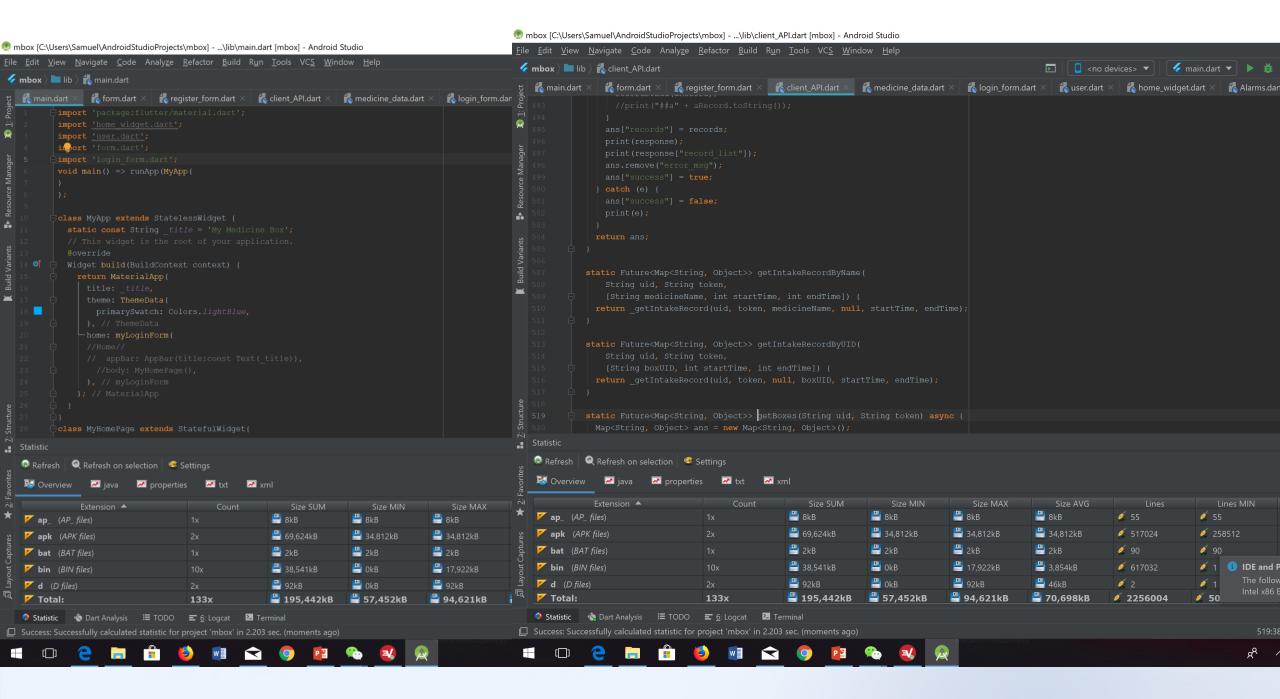
System diagram







I LoginUtils.java	Total Lines		Source Cod. Ø 89%	∅ 38	<i>ĕ</i> 5%	. Blank Lines 40	s Blank Lines
🚰 Profile.java	🌠 12	<i>4</i> 7	58%	€ 4		<i>§</i> 1	% 8%
🕝 RSAUtils.java	49	43	4 88%	4	4 8%	2	4 %
🚰 Service.java	4 160	4 146	9 1%	<i>é</i> , 4	4 2%	<i></i> 10	<i>é</i> 6%
🕝 Services.java	566	419	4 74%	120	21%	<i></i> 27	5 %
🕝 Session.java	4 64	4 9	<i></i> 77%	4	6 %	🌽 11	<i></i> 17%
🕝 SocketClient.java	<i></i> 62	54	<i></i> 87%	6	10%	2	<i>§</i> 3%
✓ SocketServer.java	4 106	9 3	4 88%	Ø 5	5 %	<i></i> 8	% 8%
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✓ Total:	<i><table-cell-columns></table-cell-columns></i> 1772	4 1481	<i>《</i> 84%	<i><table-cell-columns></table-cell-columns></i> 189	4 11%	4 102	<i>6</i> %
⊞ 6: TODO							



Submit

© № 86% 11 130 ABM

← My Medicine Box

Next Pill
Here are a

Here are all the reminders for when you have to take your medicine

Delete alarms view all alarms

Pill count
These are the medicines you are currently taking:

Add a box



0

Password





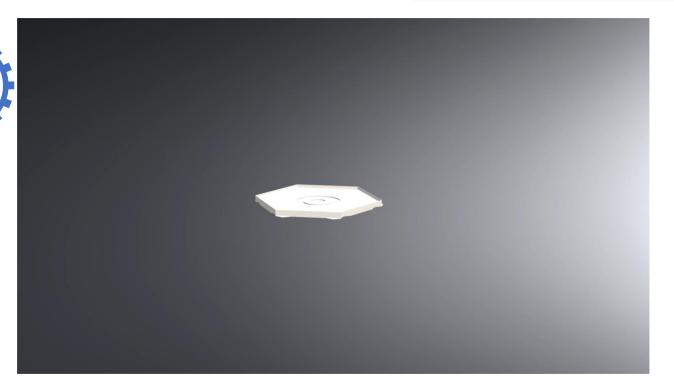
Medicine





TARGETED DESIGN





PRODUCT ITERATION





1		unit price	amount	total price
2	IC	5	20	100
3	Circuit	3	30	90
4	Wire	0.2	100	20
5	Battery	16	10	160
6	Competitor research			500
7	Bluetooth device	20	10	200
8	magnet	0.11	100	110
9	LED	0.1	200	20
10	Wrapping&instructions&others			50
11	tools and materials			500
12	total			1750

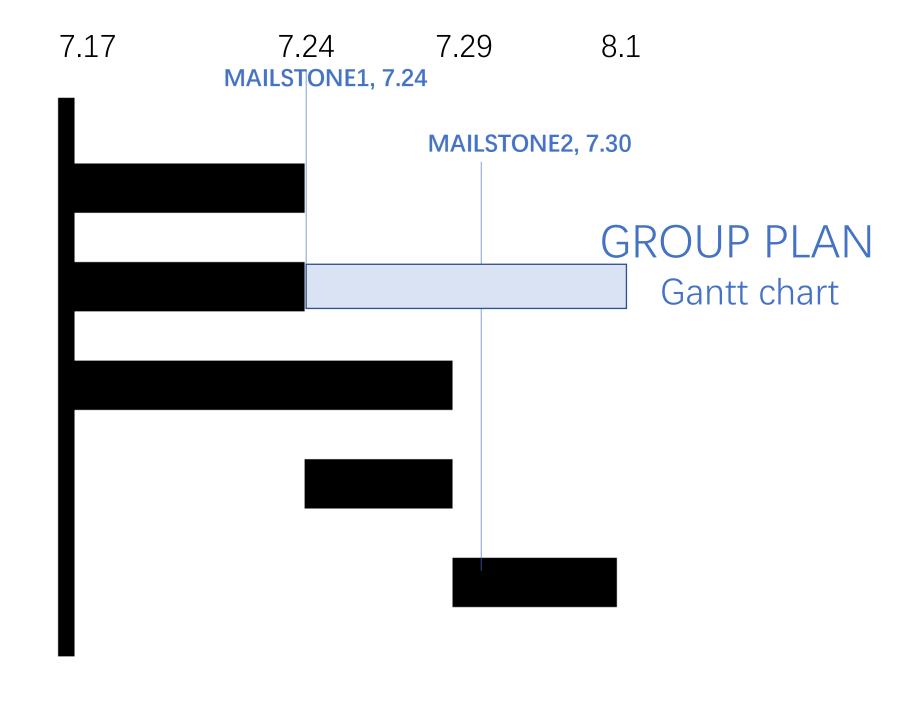
Mechanical & material design

Embedded design

APP design

Manufacture

Market research

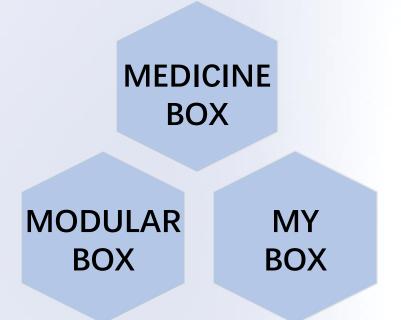


PART 03

WHAT WE HAVE DONE?



Remind when, what, how much medicine to take



Buy how many box you need Assemble them as you like

Upload your own medical record Share record with your family

It's M-box

-PUT YOUR HEART AT REST-

WORK DIVISION

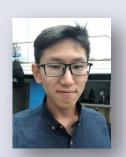
Embedded 徐至 陈卓宇

Software 满昌海 Samuel Bedeau

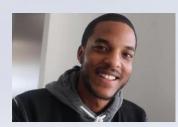
Material 陈衍冰

Mechanism 汪炜













THANK YOU FOR MAKING A WONDERFUL SUMMER

? Q&A

