

# QC Autoliv Part Checking (QCAPC) Project Proposal

2022 Project



Moving Forward To Industry 4.0

# 1.0 Introduction



**QC Autolive Part Checking (QCAPC)**  
System developed to check duplication  
and the status of the QR code. QCAPC  
will automatically update the status and  
generate list report which able to helps  
detect the damaged QR code before  
send to customer.



# 2.0 Objectives



**Avoid duplication**

Every QR code value must be unique



**Checking for damage QR code**

System will detect the value and auto update the status



**More fast & easy**  
Helps staff to perform faster and upgrade from manual to online practice



# 3.0 System Features

#	Module	Function/Requirement	Privilege	
			Admin	QC
1	Login & Registration	Login	√	√
		Register	√	
2	Profile & Setting	View Own Profile	√	√
		Logout	√	√
3	Dashboard	Total serial number generate	√	√
4	QR Checking	Generate serial number	√	√
		Scan QR code	√	√
		Edit serial number details	√	
		Delete serial number details	√	
5	Summary	View all serial number (success)	√	√
		View all serial number (failed)	√	√
		View all serial number	√	√



# 4.0 Team



**Kelvin Tan**

IT Executive  
*IT Department*

*Responsible in  
network, domain  
and hosting  
configuration*



**Amar Syarifuddin**

IT Support  
*IT Department*

*Responsible in  
hardware  
configuration(barcode  
print and QR scanner)*



**Nurul Hilwadiana**

IT Programmer  
*IT Department*

*Responsible in  
designing,coding  
and testing  
system*



**System Requirement  
& User Testing**

QC  
*QC Department*

*Ms. Sarojini*



# 5.0 PROJECT PLANNING

Project kick off meeting &  
Hardware Preparation

Week 1

Testing & Error debugging

Week 3

Week 2

Designing & Developing

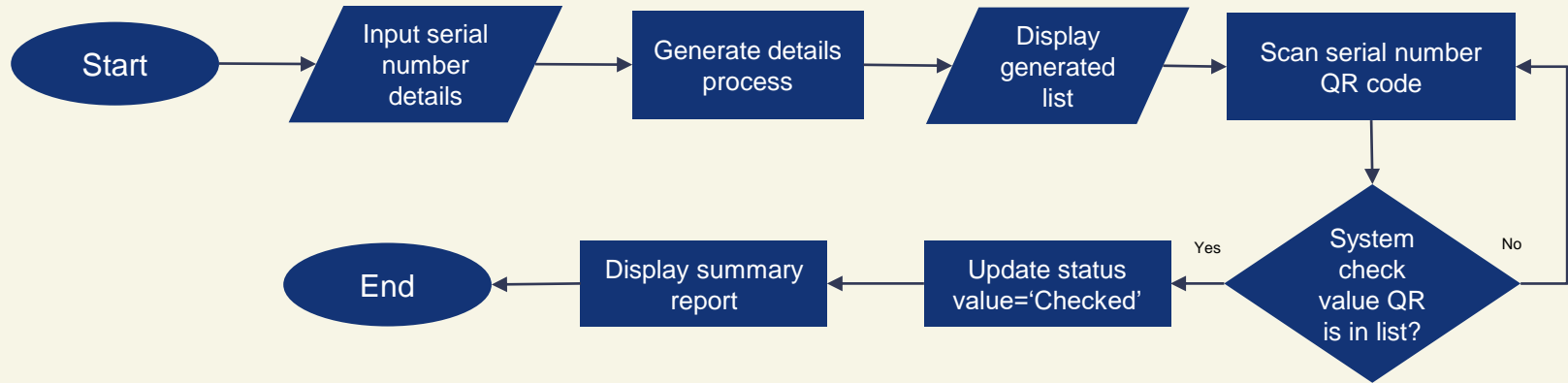
Week 4

User Testing & GO LIVE

Estimation of completion :  
2/1/2022 – 28/1/2022



# 6.0 Project Flow



# 6.0 Project Flow

(Mockup Interface)

QC Autolive Checking System

https://qcapc.plastictecnic.com

Dashboard Serial List Scan Summary

Model  
PTS09

Part Name  
Part description

Part No.  
5900183080001 to 5900183080005

Generate now!



QC Autolive Checking System

https://qcapc.plastictecnic.com

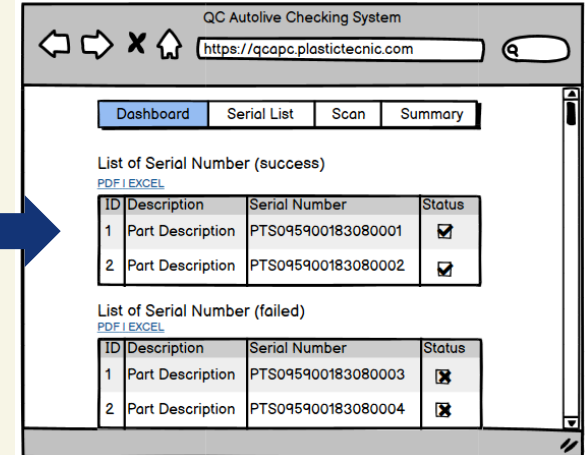
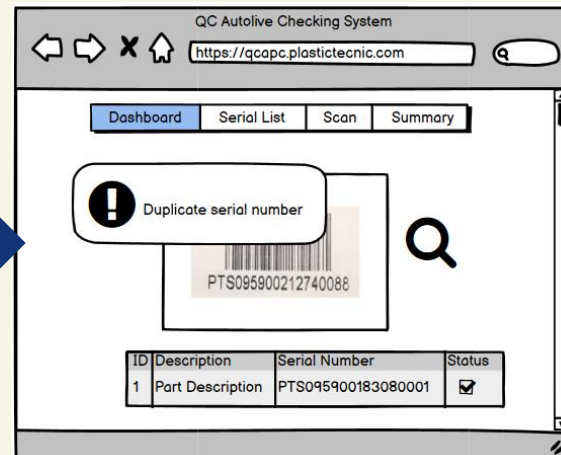
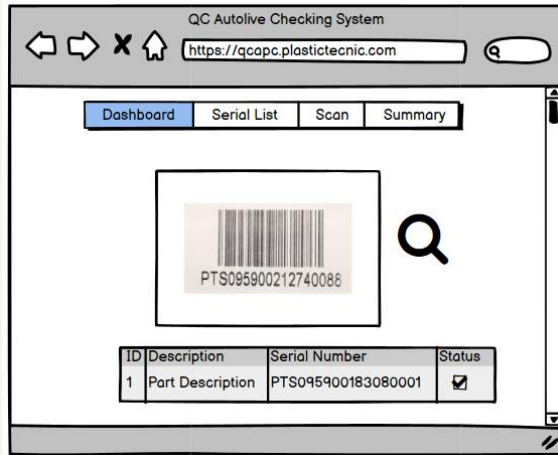
Dashboard Serial List Scan Summary

List generated

ID	Description	Serial Number	Status
1	Part Description	PTS095900183080001	
2	Part Description	PTS095900183080002	
3	Part Description	PTS095900183080003	
4	Part Description	PTS095900183080004	
5	Part Description	PTS095900183080005	



# 6.0 Project Flow (Mockup Interface)



# 7.0 Hardware Requirements

LAPTOP  
DELL intel CORE i5

ACCESS POINT  
UNIFI

SOFTWARE  
Xampp, Sublime,  
Notepad++, sQL, Git

Barcode scanner &  
Printed Barcode list

# 8.0 Project Budget

Project Cost			
No Item		Quantity Unit Price	Total
1	Devices for testing (Laptop/Desktop/Mobile)		0
2	Printed serial number		0
3	Hosting+domain (Premium VPS) per year		2750
	Grand Total		2750





THANKS

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