

iTools

User Guide

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1. Overview

TBD

1.1. Requirement

TBD

1.2. Approach

- TBD

2. Installation

2.1. Java

- Version: JRE 1.8 - jre-8u172-windows-i586.exe (<http://download.oracle.com/otn-pub/java/jdk/8u181-b13/96a7b8442fe848ef90c96a2fad6ed6d1/jre-8u181-windows-i586.exe>)

2.2. MySQL

- MySQL server 5.7: <https://dev.mysql.com/downloads/file/?id=479142>
- MySQL Workbench: <https://dev.mysql.com/downloads/file/?id=474210>
- Configuration user to logon: admin/<password>

2.3. iTools

- Provide basic information of Industry PC (IPC)
 - Database configuration
 - Board ID + VendorID – will provide the tool to get information later.
 - Machine Code
 - Company Code
- Copy iTools_<version>.jar to IPC and run

3. Configuration

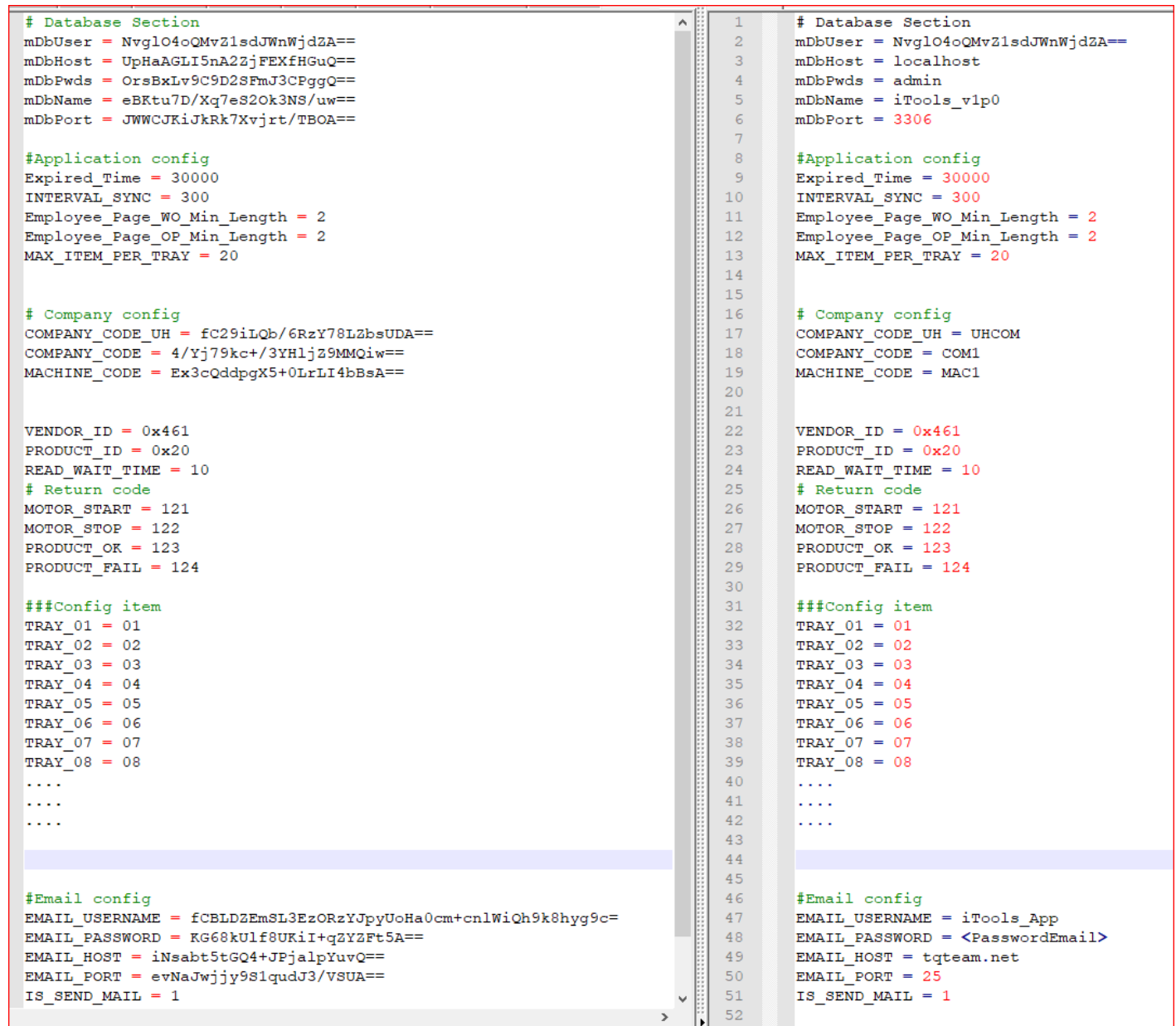
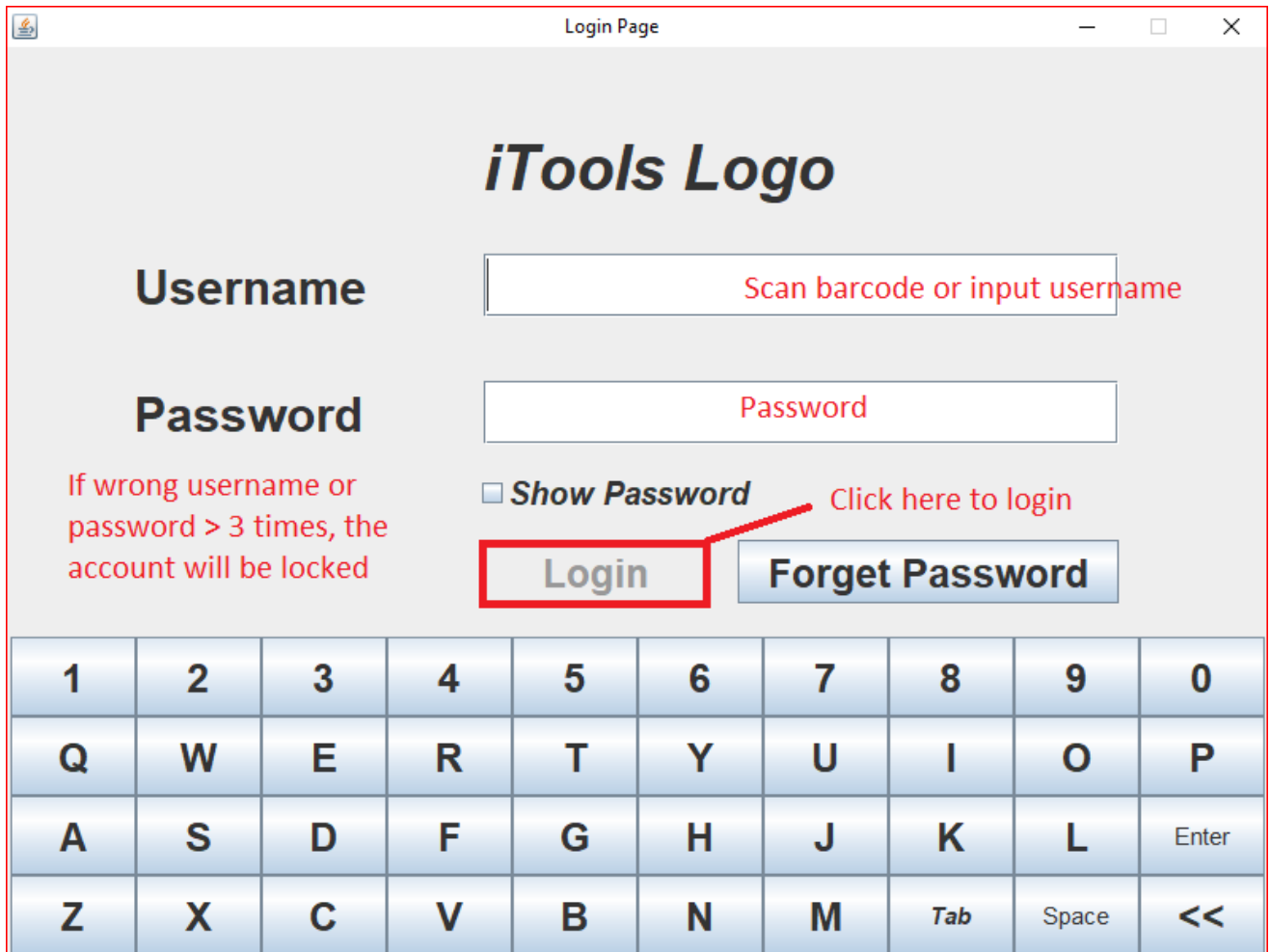


Figure 1: Configuration

4. User Guide

4.1. Common Feature

4.1.1. Login



The screenshot shows a web browser window titled "Login Page". The page features the "iTools Logo" at the top. Below the logo, there are two input fields: "Username" and "Password". The "Username" field has a red placeholder text "Scan barcode or input username". The "Password" field has a red placeholder text "Password". To the left of the password field, there is a red warning message: "If wrong username or password > 3 times, the account will be locked". Below the password field, there is a checkbox labeled "Show Password" and a red arrow pointing to the "Login" button with the text "Click here to login". The "Login" button is highlighted with a red border. To the right of the "Login" button is a "Forget Password" button. At the bottom of the page, there is a numeric keypad with buttons for digits 1-0, letters QWERTYUIOP, ASDFGHJKL, and ZXCVBNM, along with "Tab", "Space", and "<<" buttons.

Username

Password

If wrong username or password > 3 times, the account will be locked

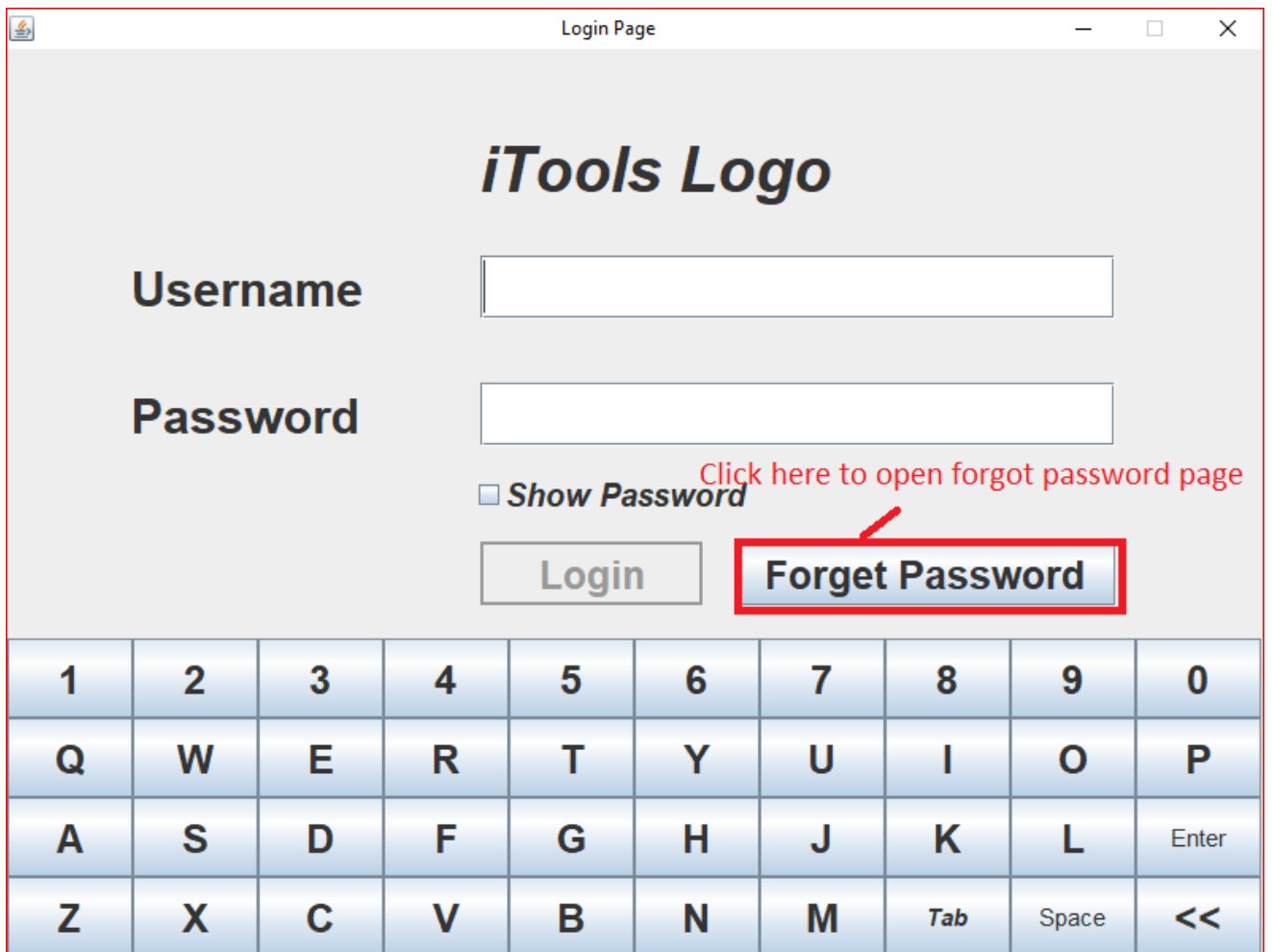
☐ **Show Password** [Click here to login](#)

Login **Forget Password**

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 2: Login Page

4.1.2. Forgot Password



The screenshot shows a web application window titled "Login Page". It features the "iTools Logo" at the top. Below the logo are two input fields: "Username" and "Password". A checkbox labeled "Show Password" is positioned below the password field. To the right of the checkbox, a red arrow points to the "Forgot Password" button with the text "Click here to open forgot password page". The "Login" button is to the left of the "Forgot Password" button. At the bottom of the window is a numeric keypad with four rows of buttons: the first row contains digits 1-0, the second row contains letters Q-P, the third row contains letters A-L and an "Enter" button, and the fourth row contains letters Z-M, a "Tab" button, a "Space" button, and a "<<" button.

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 3: Forgot Password Page1

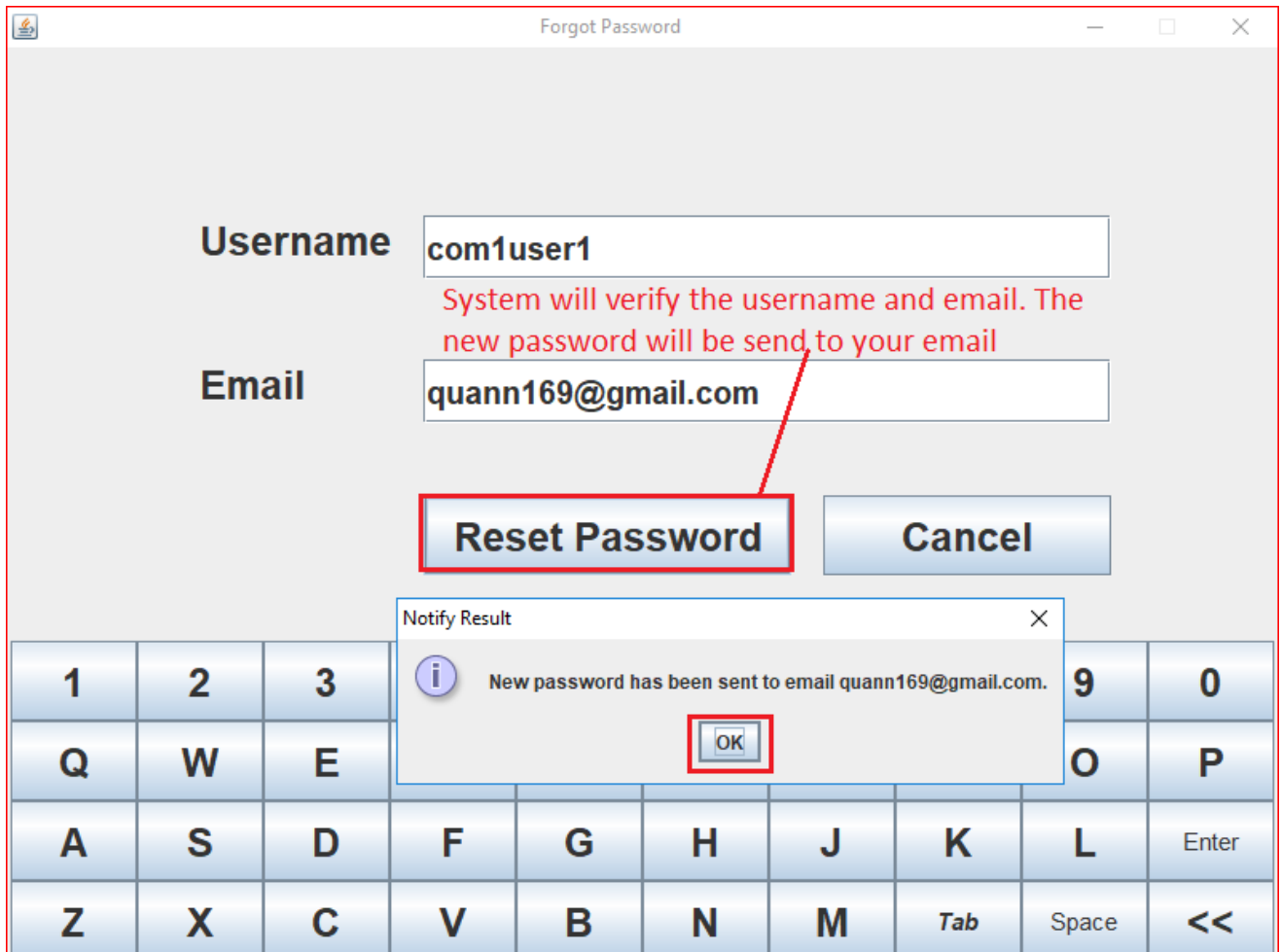


Figure 4: Forgot Password Page2

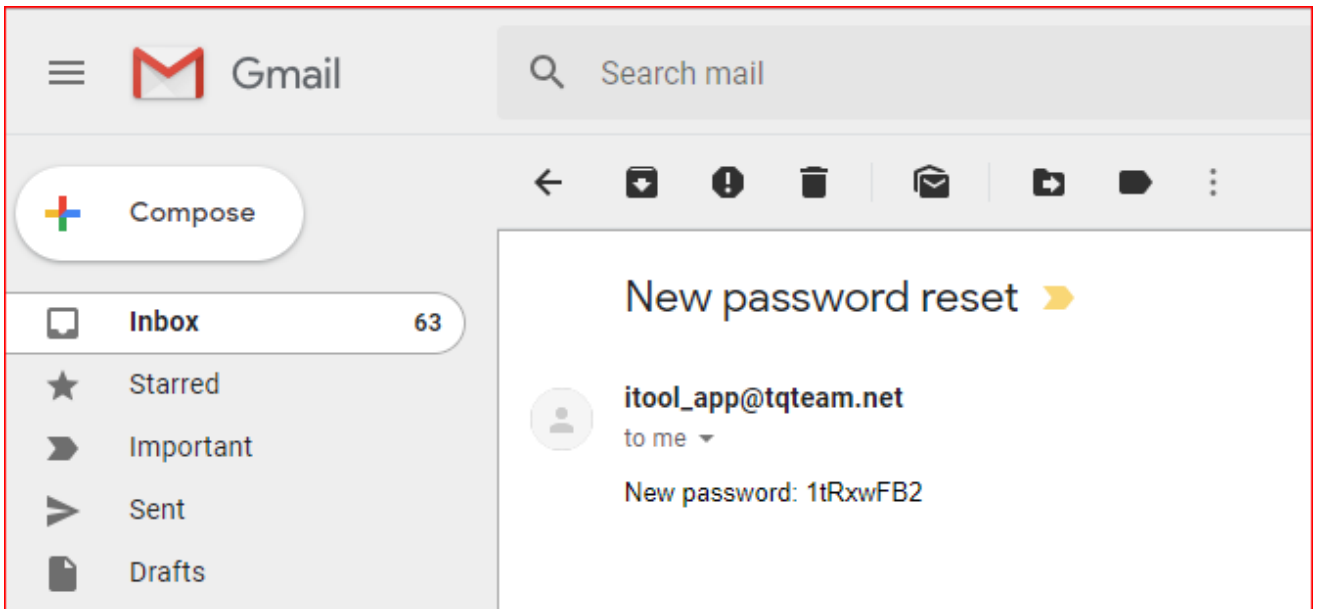


Figure 5: Forgot Password 3

4.1.3. Change Password

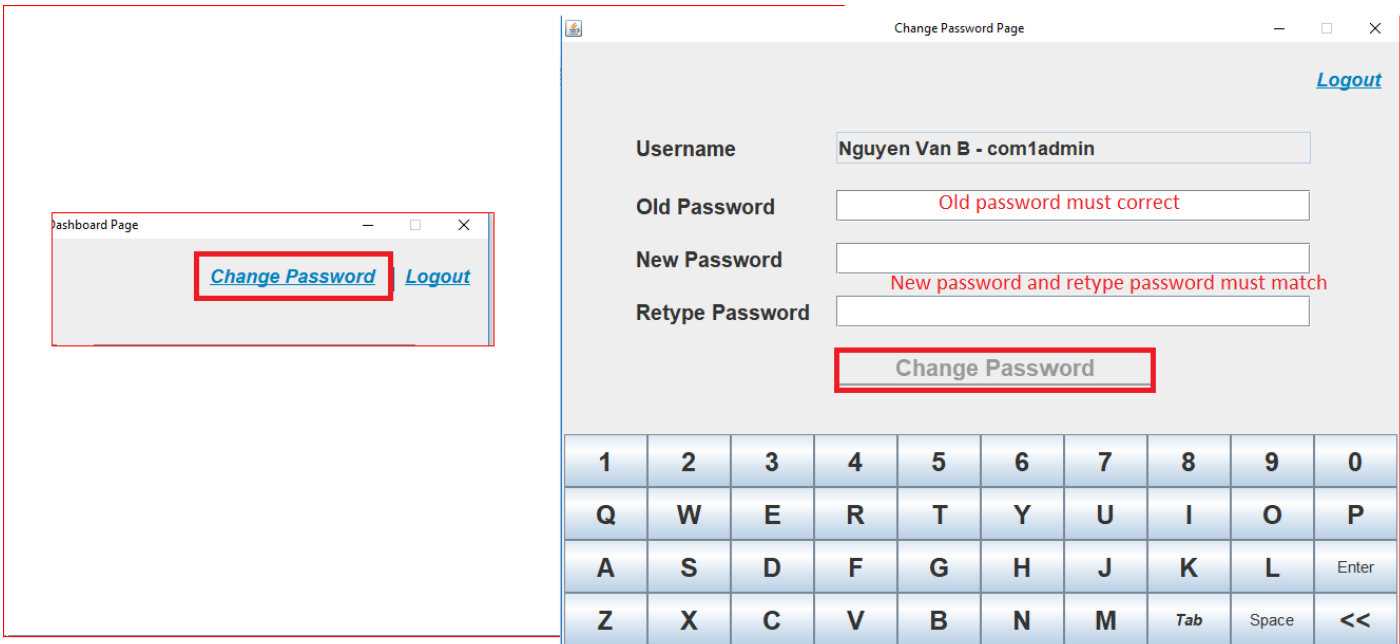


Figure 6: Change Password

4.2. Company Admin

4.2.1. Reset Password

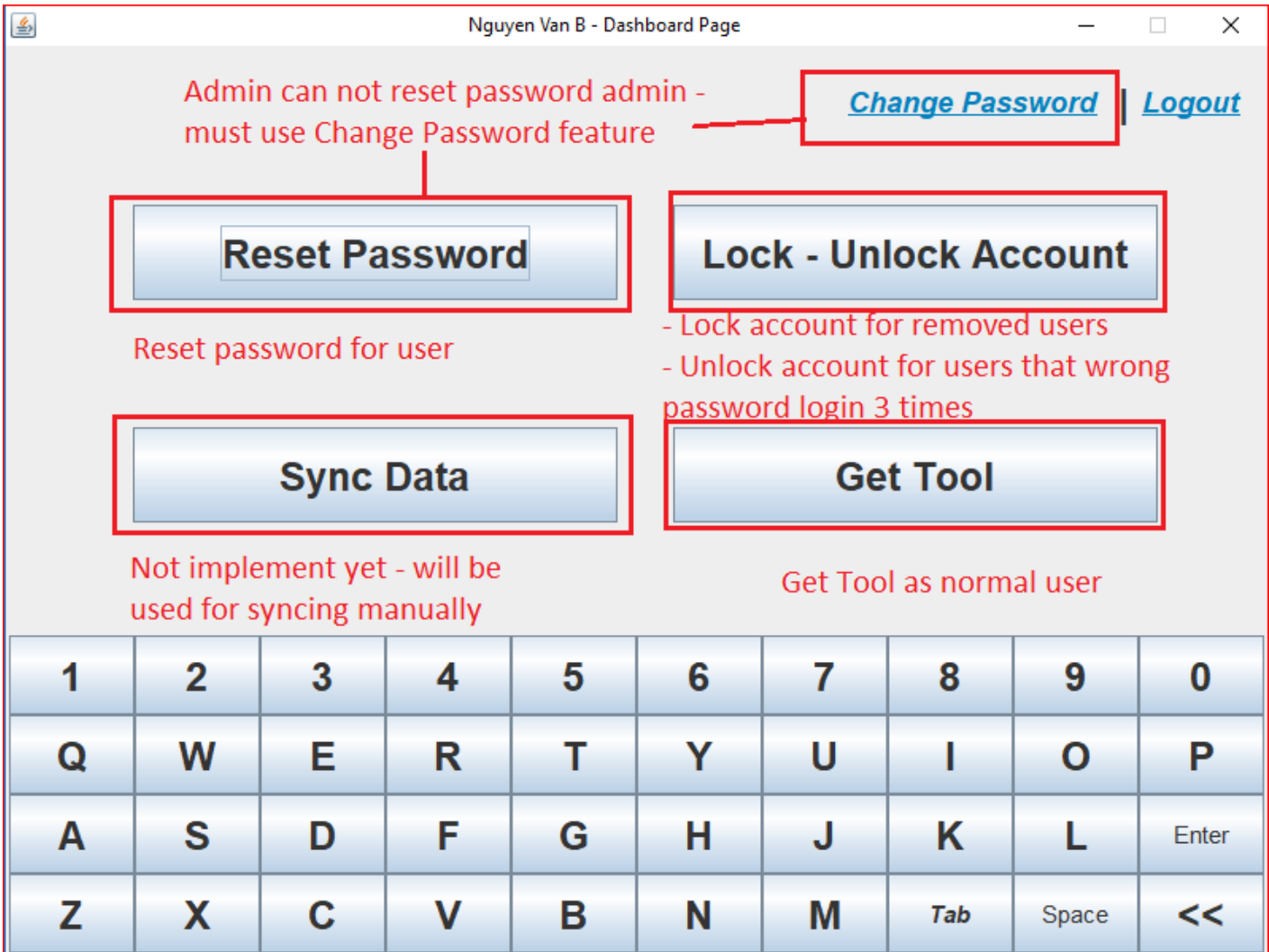


Figure 7: Dashboard

Nguyen Van B

[Back To Dashboard](#)[Change Password](#) | [Logout](#)

Username

Nguyen Van A - com1user1

New Password

●●●●●●

Retype Password

●●●●

Password not match

☐ Change password first time login?

Reset Password

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 8: Reset Password

4.2.2. Lock - Unlock Account

Nguyen Van B

[Back To Dashboard](#)[Change Password](#) | [Logout](#)

Username

Nguyen Van A - com1user1

Lock Account

UnLock Account

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 9: Lock – Unlock Account

4.2.3. Sync manually

TBD

4.3. Accounting

4.3.1. Lock/Unlock machine

Login Page

iTools Logo

Username

accounting_username

Password

••••••

☐ Show Password

Login

Forget Password

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 10: Login by accounting account

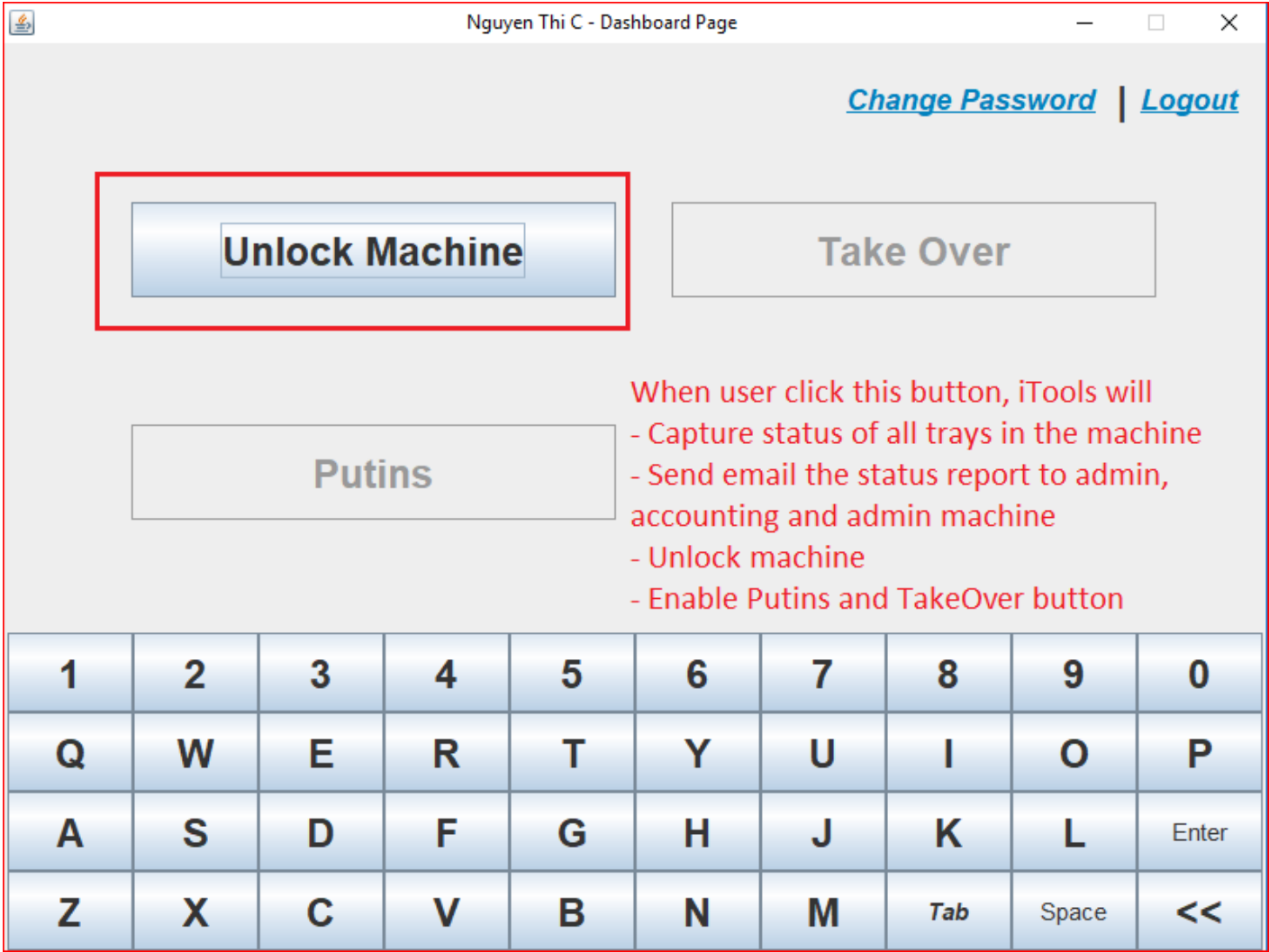


Figure 11: Show Dashboard

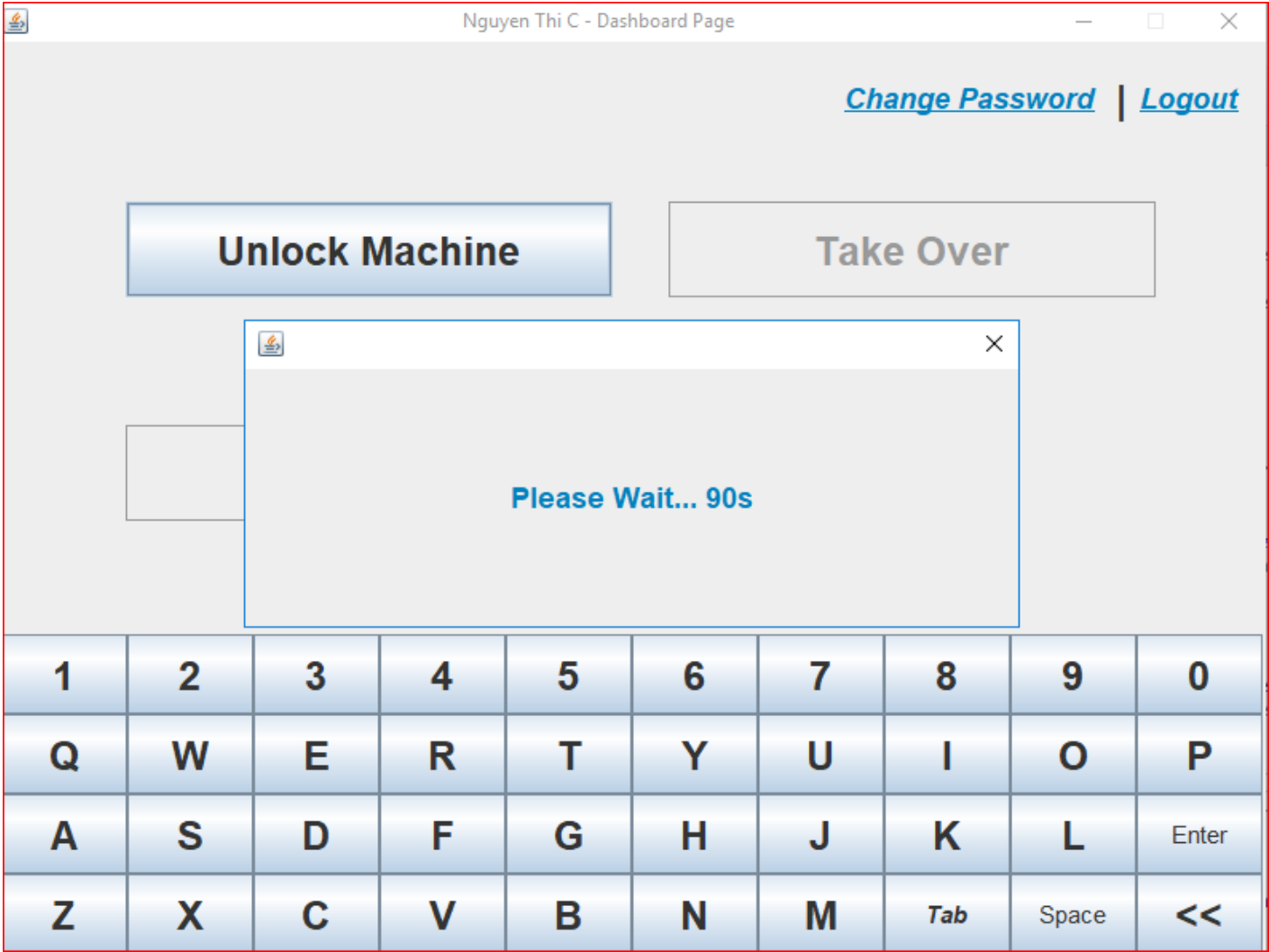


Figure 12: Wait for result

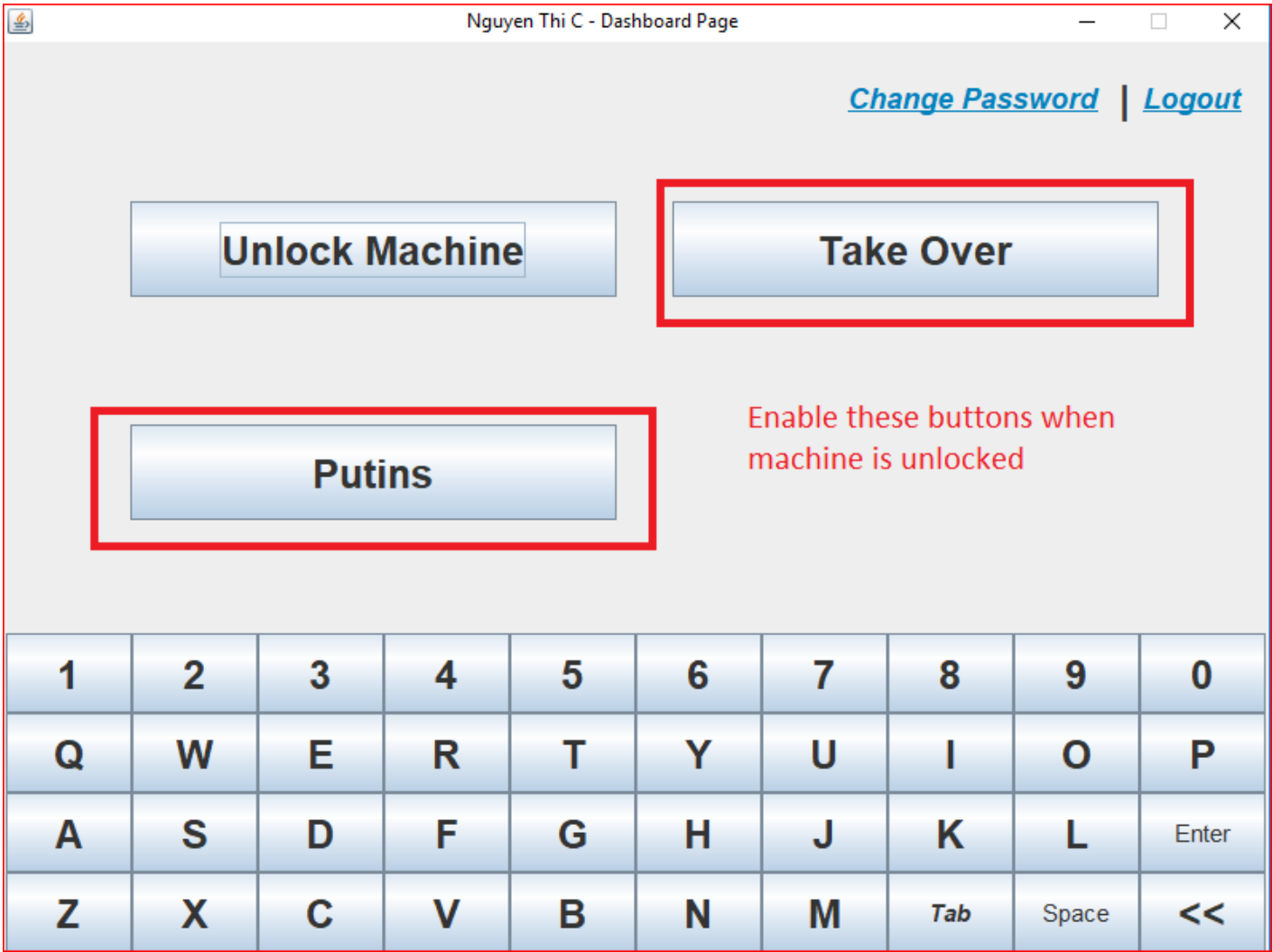


Figure 13: Enable Putins and TakeOver button after unlock

4.3.2. Putin

Nguyen Thi C - PutIns Page

[Back To Dashboard](#)

[Change Password](#) | [Logout](#)

CTID

Tray

Quantity

Send Request

Cancel

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 14: Putins Page

Nguyen Thi C - PutIns Page

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CTID

Tray

Quantity

ACTID111

BCTID211

CCTID311

DCTID4

FCTID6

tool1

Dropdown to show all available tools

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 15: Select Tools

Nguyen Thi C - PutIns Page

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[Change Password](#) | [Logout](#)

CTID

ACTID111

Tray

Quantity

- After user selected a tool, user can select tray for this tool

- Tray list contain

+ Empty tray

+ Tray that selected tool already added

TRAY_01

TRAY_03

TRAY_04

TRAY_05

TRAY_06

TRAY_07

TRAY_08

TRAY_02 belong to tool BCTID211 ==> do not show here

1	2	3						9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 16: Select Trays

Nguyen Thi C - PutIns Page

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CTID

ACTID111

Tray

TRAY_01

Quantity

4

User input new quanti
and click Send Request

Send Request

Cancel

1	2	3	4	5
Q	W	E	R	T
A	S	D	F	G
Z	X	C	V	B

PutIns Confirmation

CTID: ACTID111

Tray: TRAY_01

Quantity: 4

Yes

No

Figure 17: Edit quantity and process

Nguyen Thi C - PutIns Page

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CTID

ACTID111

Tray

TRAY_01

Quantity

1

Notify result

Completed!

OK

Cancel

Complete add new tool to tray. This tool - tray - quantity will be synced to cloud and can be viewed by web

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 18: Review result

4.3.3. TakeOver

Nguyen Thi C - TakeOver Page

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CTID

ACTID111

Tray

TRAY_01

Quantity

11

The same process as Putins but the quantity must less than the existed value

Send Request

Cancel

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Figure 19: Review result

4.4. Normal User

4.4.1. Get Tool

Nguyen Van A - GetTool Page

[Change Password](#) | [Logout](#)

WO

GDG13J7QA

Scan barcode to input WO and OP

OP

HQ7296NXM

CTID

ACTID111

Select tool or scan barcode to get tool

Tray

Quantity

Show list of available trays, if not, the tool will suggest the available machine for user

TRAY_01

11

[[TRAY_01, 11]]

Send Request

Cancel

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	Enter
Z	X	C	V	B	N	M	Tab	Space	<<

Click here to get tool

Figure 20: Get Tool Page



Figure 21: Processing

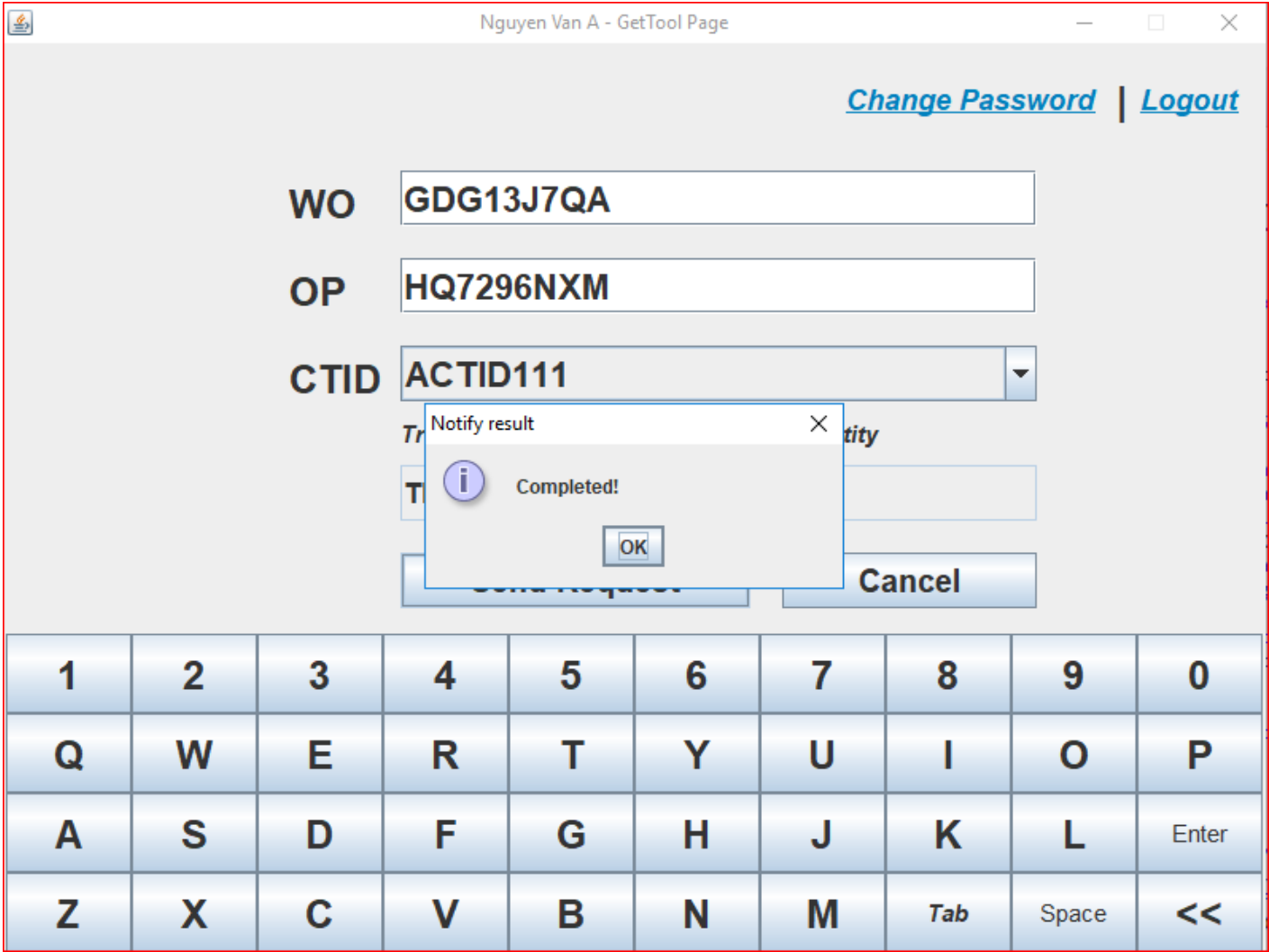


Figure 22: Review result

- 5. Error Message
- 6. Troubleshoot
- 7. Portrait page style