

Expanding of Team?

Network Printer System

컴퓨터 공학부

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1. Modification of SRA & SDS

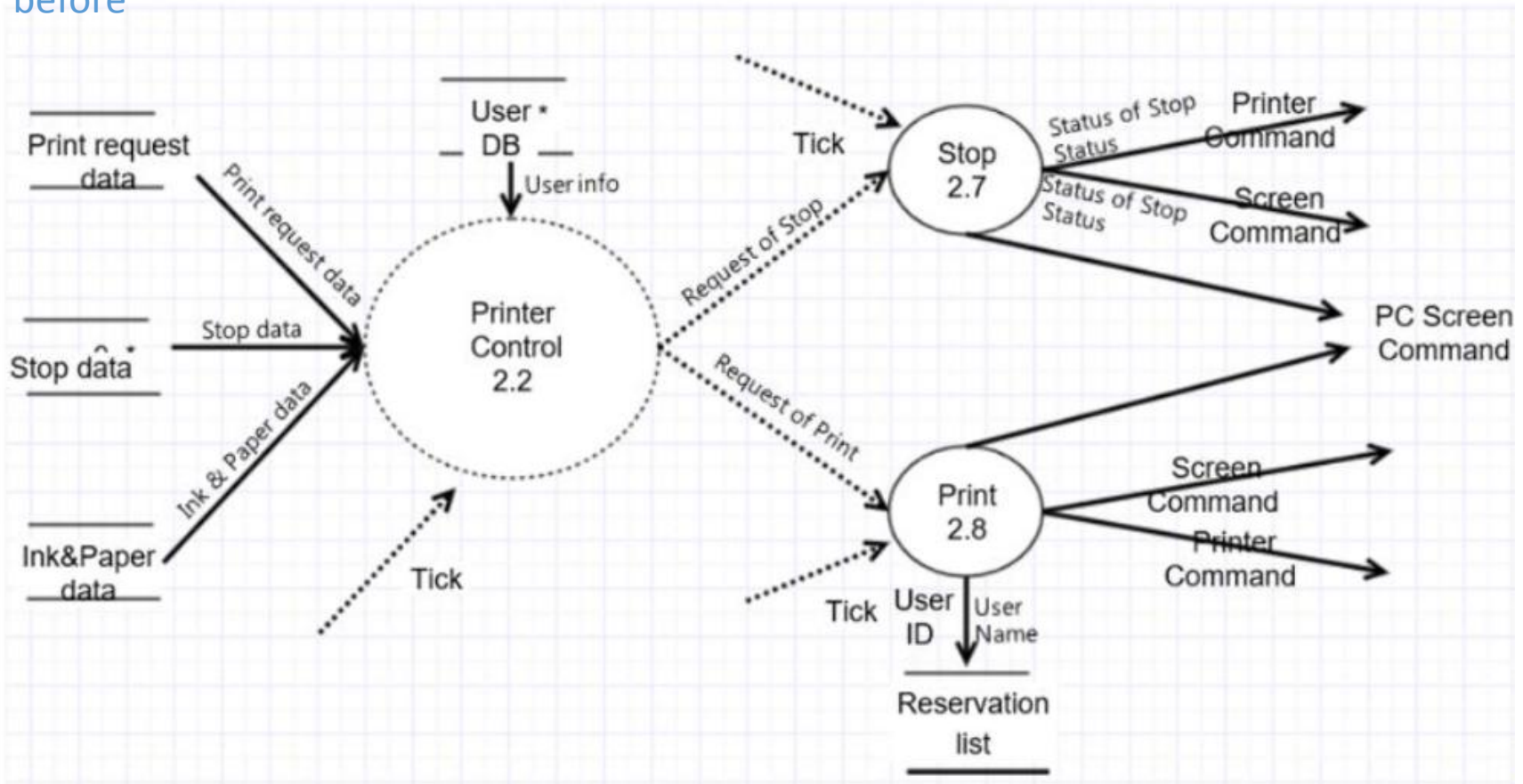
2. Responding Context

3. Q & A

1. Modification of SRA & SDS

- Change of SRA

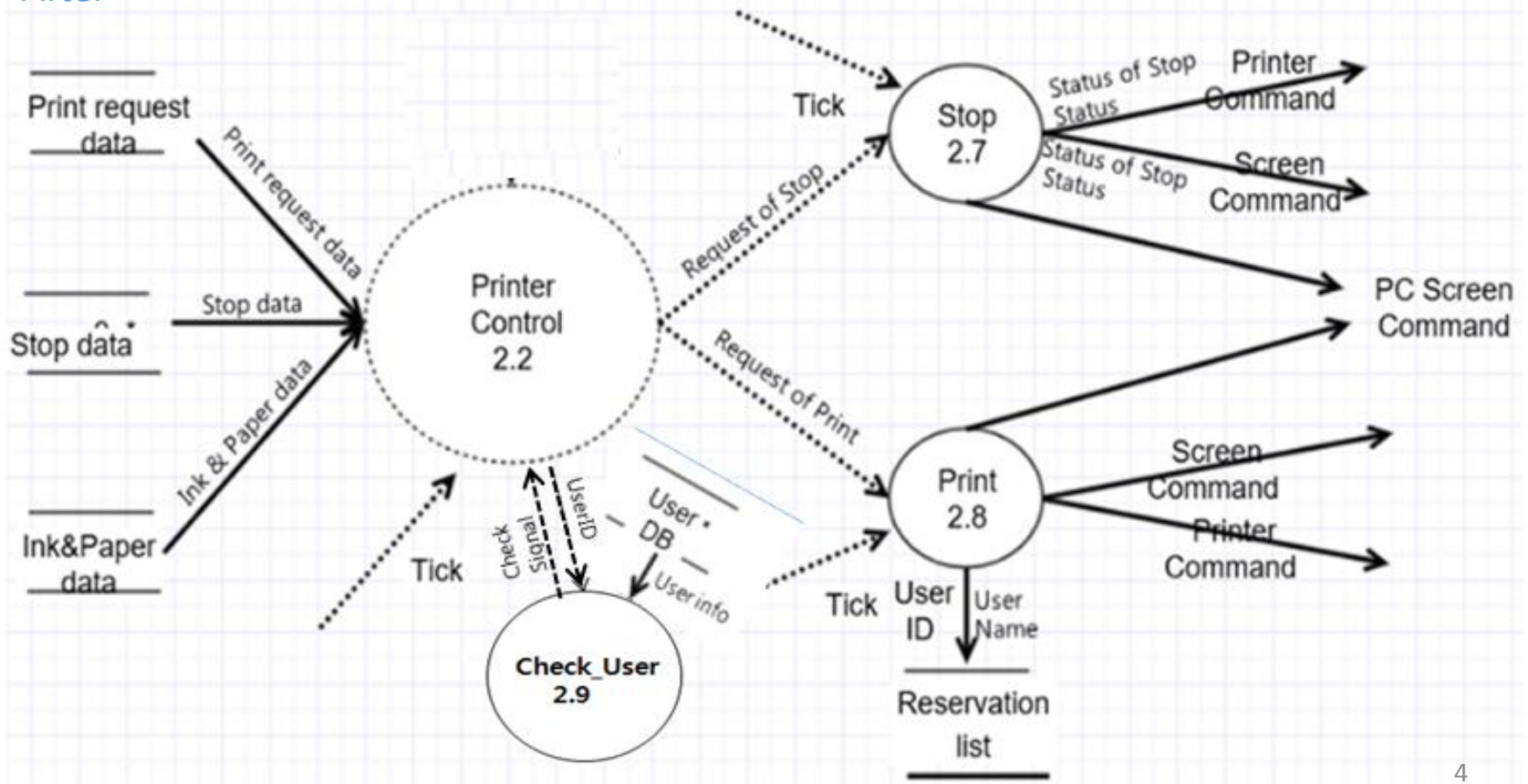
before



1. Modification of SRA & SDS

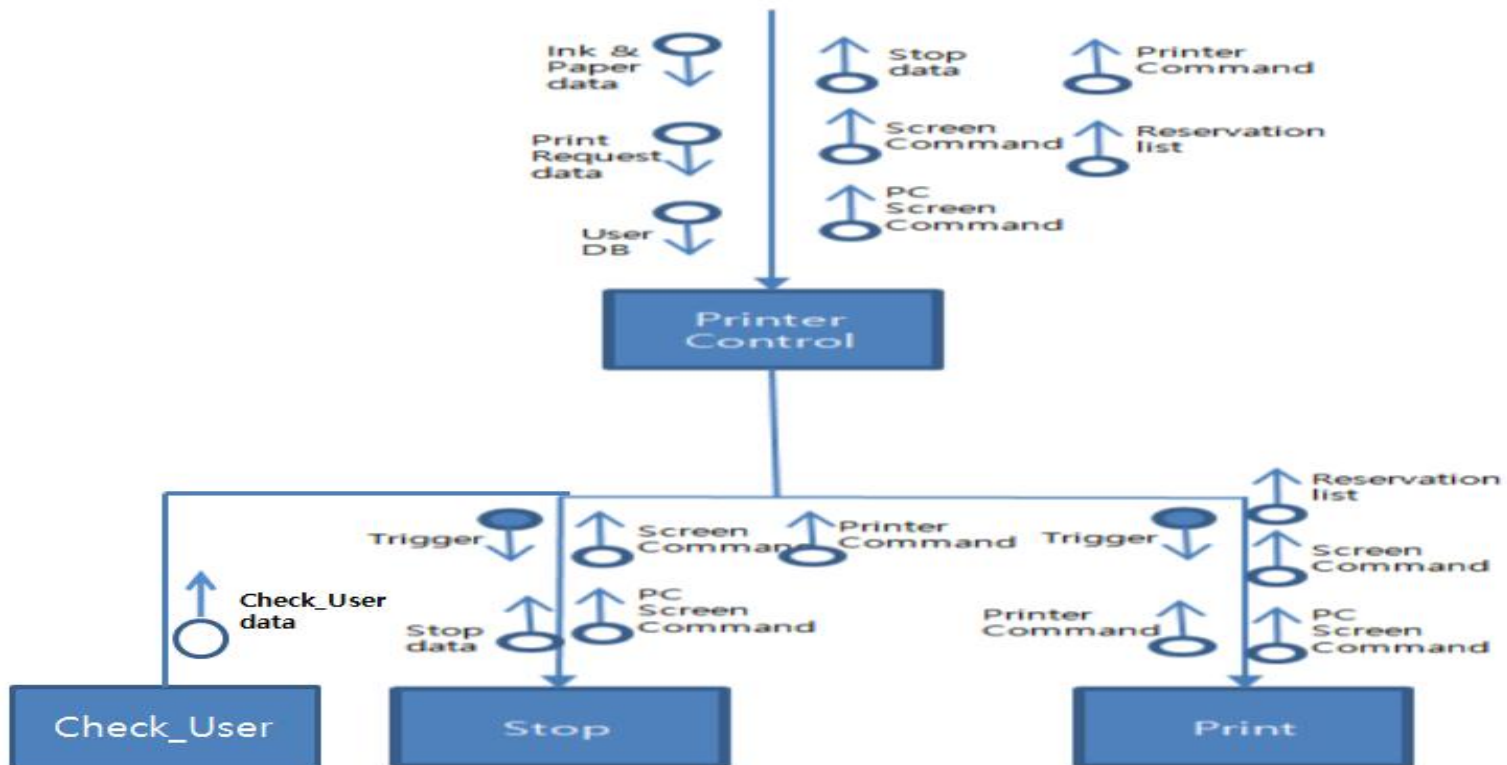
- Change of SRA

After



1. Modification of SAA & SDS

- Change of SDS

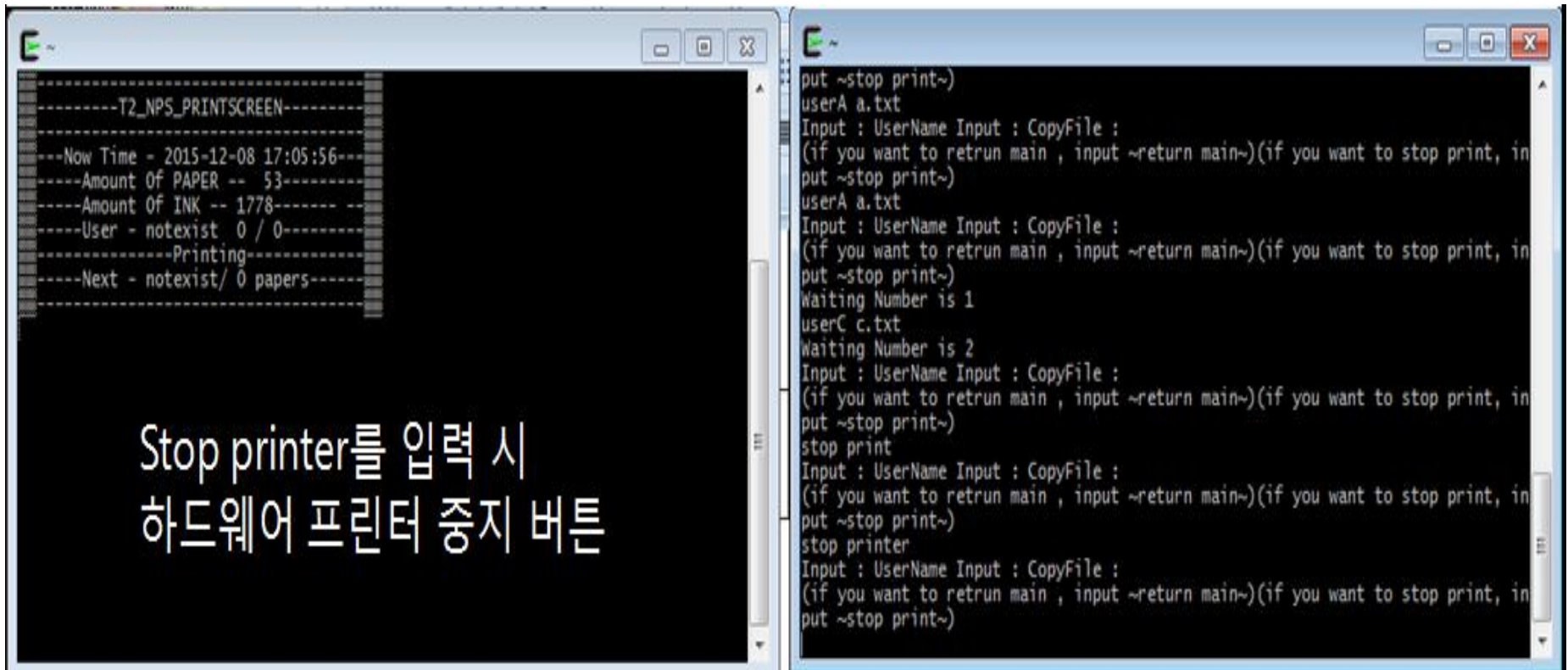


2. Responding context

Test case identifier	Fail Description	Fix of Non Fix	Fix Result
T2_NPS.STC.003.001	사용자 별로 중지 요청을 하지 못함	Fix(고치긴 했지만 Team이 원하는 방식은 요구사항을 만족하지 못하므로 요구사항에 만족하는 방법으로 수정)	프린터 기능을 중지 가능. 현재 프린터중인 프린터를 중지 가능.
T2_NPS.STC.003.007 T2_NPS.STC.003.008 T2_NPS.STC.003.009 T2_NPS.STC.003.010	프로그램 강제종료 (잉크,페이퍼 부족 시)	Fix	프린터 중에 용지나 잉크가 부족 시에 stop이 되어야 하는데 계속해서 대기열이 빠져나가는 오류 수정
T2_NPS.STC.004.000	원하는 소모 값과 실제 잉크의 소모 양이 다름	Fix	잉크 소모 시에 계속 1이 모자라는 경우가 있었는데 이 부분을 수정

2. Responding context

T2_NPS.STC.003.001 -> Stop printer시에 하드웨어 프린터 중지



The image shows two terminal windows side-by-side. The left window displays printer status information, and the right window displays a control script.

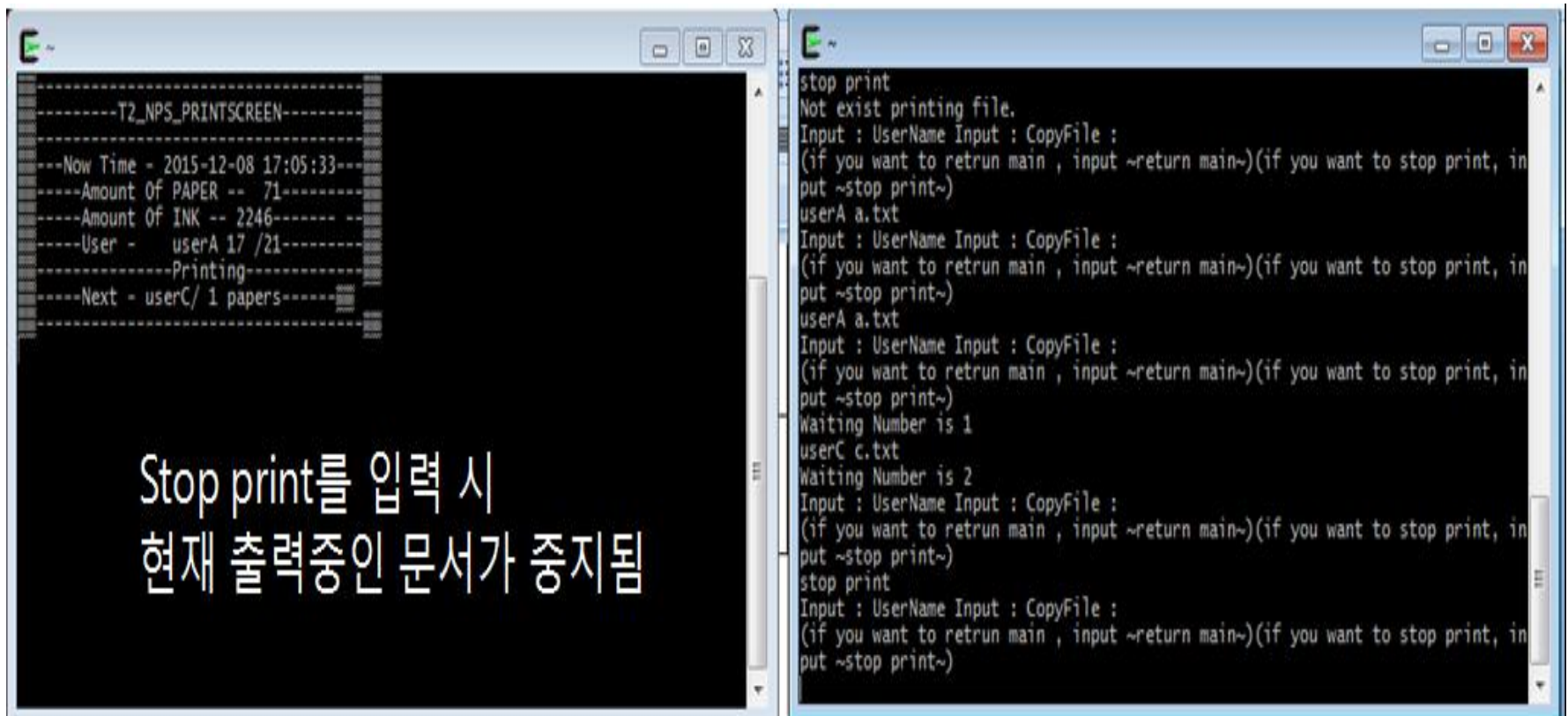
```
-----T2_NPS_PRINTSCREEN-----  
--Now Time - 2015-12-08 17:05:56--  
----Amount Of PAPER -- 53-----  
----Amount Of INK -- 1778-----  
----User - notexist 0 / 0-----  
-----Printing-----  
----Next - notexist/ 0 papers-----
```

Stop printer를 입력 시
하드웨어 프린터 중지 버튼

```
put ~stop print~  
userA a.txt  
Input : UserName Input : CopyFile :  
(if you want to retrun main , input ~return main~)(if you want to stop print, in  
put ~stop print~)  
userA a.txt  
Input : UserName Input : CopyFile :  
(if you want to retrun main , input ~return main~)(if you want to stop print, in  
put ~stop print~)  
Waiting Number is 1  
userC c.txt  
Waiting Number is 2  
Input : UserName Input : CopyFile :  
(if you want to retrun main , input ~return main~)(if you want to stop print, in  
put ~stop print~)  
stop print  
Input : UserName Input : CopyFile :  
(if you want to retrun main , input ~return main~)(if you want to stop print, in  
put ~stop print~)  
stop printer  
Input : UserName Input : CopyFile :  
(if you want to retrun main , input ~return main~)(if you want to stop print, in  
put ~stop print~)
```

2. Responding context

T2_NPS.STC.003.001 -> Stop print시에 현재 진행중인 프린터 중지



The image shows two terminal windows side-by-side. The left window displays printer status information, and the right window shows a control script.

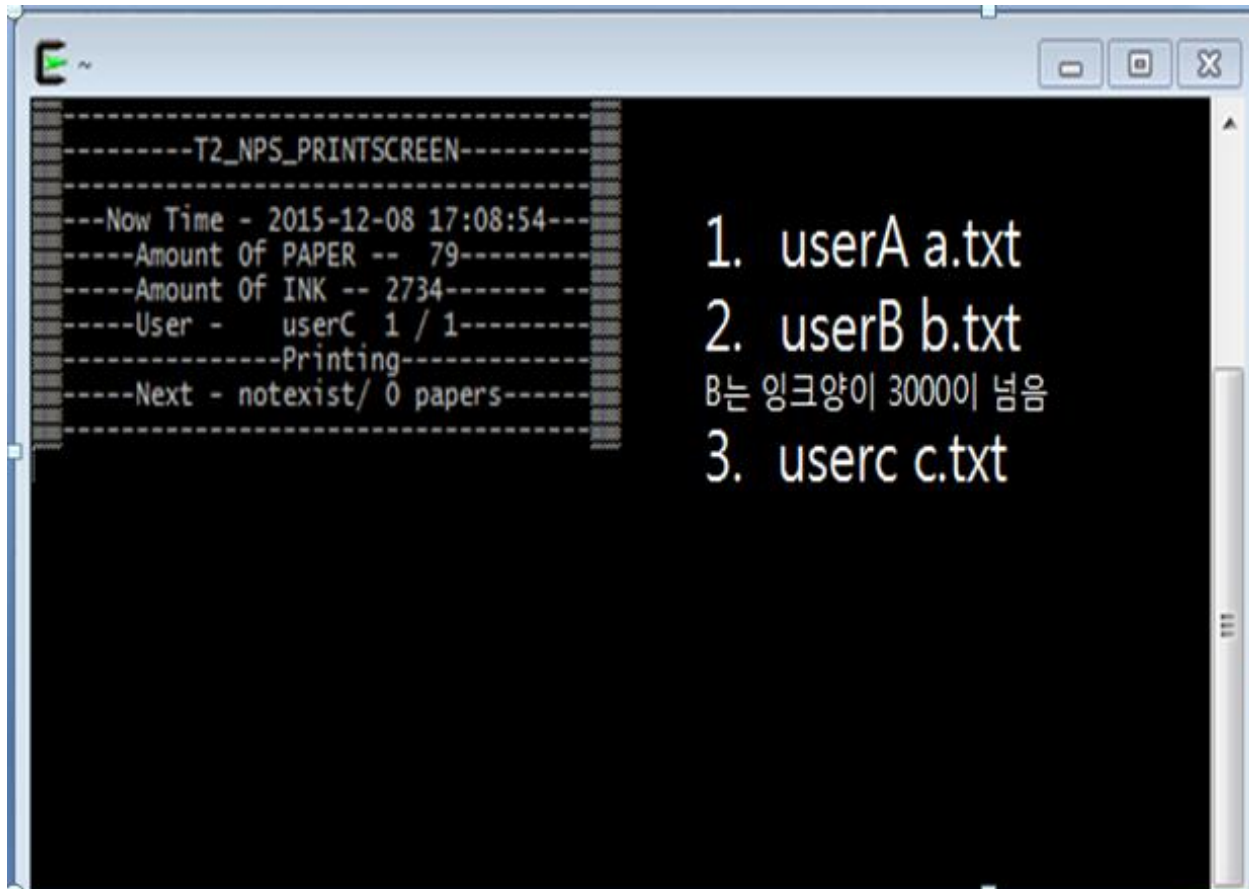
```
-----T2_NPS_PRINTSCREEN-----
--Now Time - 2015-12-08 17:05:33--
----Amount Of PAPER -- 71-----
----Amount Of INK -- 2246-----
----User - userA 17 /21-----
-----Printing-----
----Next - userC/ 1 papers-----
```

Stop print를 입력 시
현재 출력중인 문서가 중지됨

```
stop print
Not exist printing file.
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main~)(if you want to stop print, in
put ~stop print~)
userA a.txt
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main~)(if you want to stop print, in
put ~stop print~)
userA a.txt
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main~)(if you want to stop print, in
put ~stop print~)
Waiting Number is 1
userC c.txt
Waiting Number is 2
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main~)(if you want to stop print, in
put ~stop print~)
stop print
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main~)(if you want to stop print, in
put ~stop print~)
```


2. Responding context

T2_NPS.STC.003.007 -> 인쇄 중 용지나 잉크 부족 시
프로그램이 끝나는 부분 오류 수정



```
-----T2_NPS_PRINTSCREEN-----  
---Now Time - 2015-12-08 17:08:54---  
---Amount Of PAPER -- 79-----  
---Amount Of INK -- 2734-----  
---User - userC 1 / 1-----  
---Printing-----  
---Next - notexist/ 0 papers-----
```

1. userA a.txt
2. userB b.txt
3. userc c.txt

B는 잉크양이 30000이 넘음

2. Responding context

T2_NPS.STC.003.007 ->

인쇄 중 용지나 잉크 부족 시
프로그램이 끝나는 부분 오류 수정

```
E ~
2. Enter by User for Print
3. Check Ink & Paper
4. Exit Programm
2
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main
put ~stop print~)
userA a.txt
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main
put ~stop print~)
userB b.txt
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main
put ~stop print~)
Waiting Number is 1
userC c.txt
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main
put ~stop print~)
Waiting Number is 2
Ink & Paper are not enough...Request Admin
```

2. Responding context

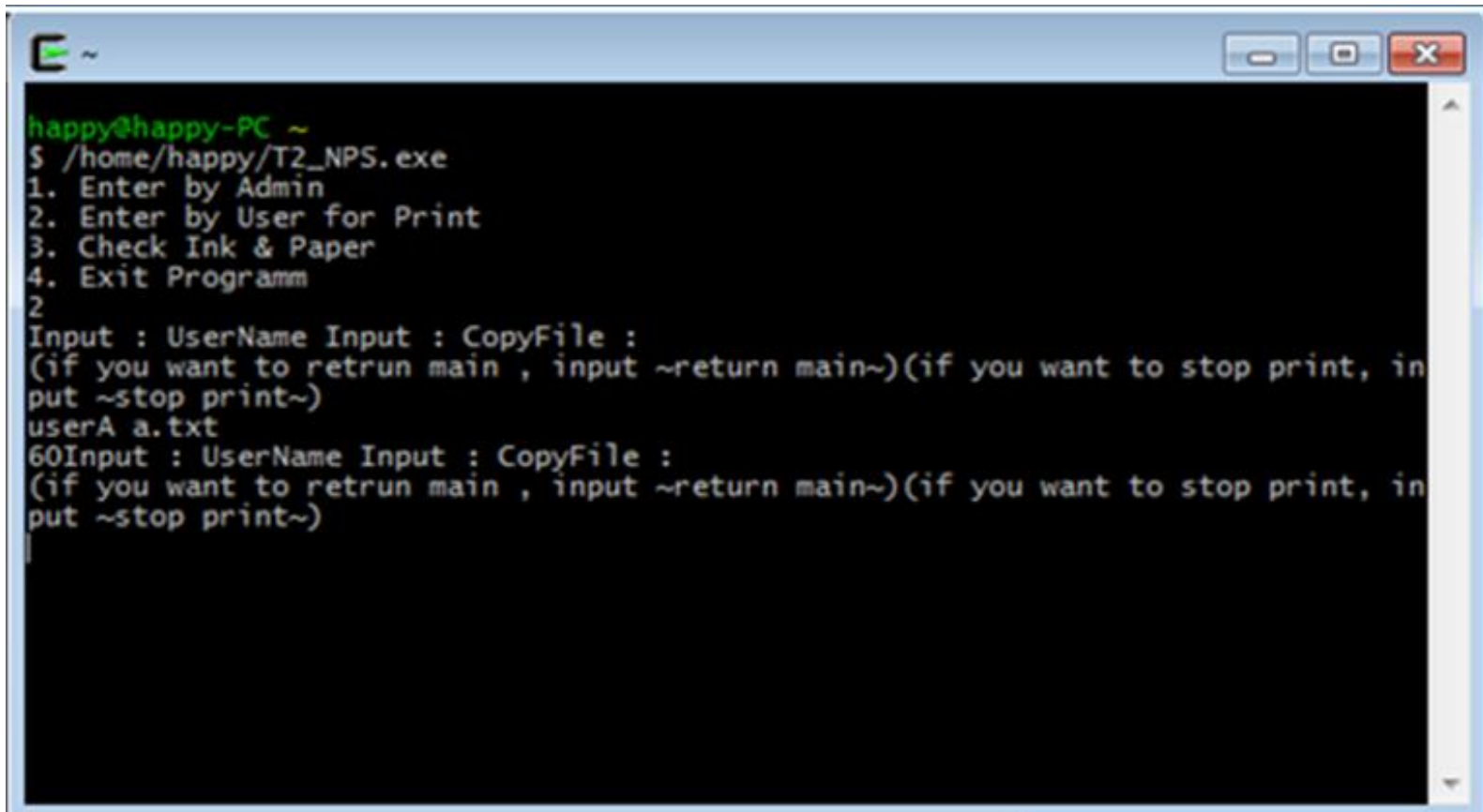
T2_NPS.STC.003.008 -> Return main으로 메인으로 돌아갈 시 오류나는 부분 수정

```
Ink & Paper are not enough...Request Admin  
return main  
1. Enter by Admin  
2. Enter by User for Print  
3. Check Ink & Paper  
4. Exit Programm  
|
```

Return main 입력 시
메인으로 복귀

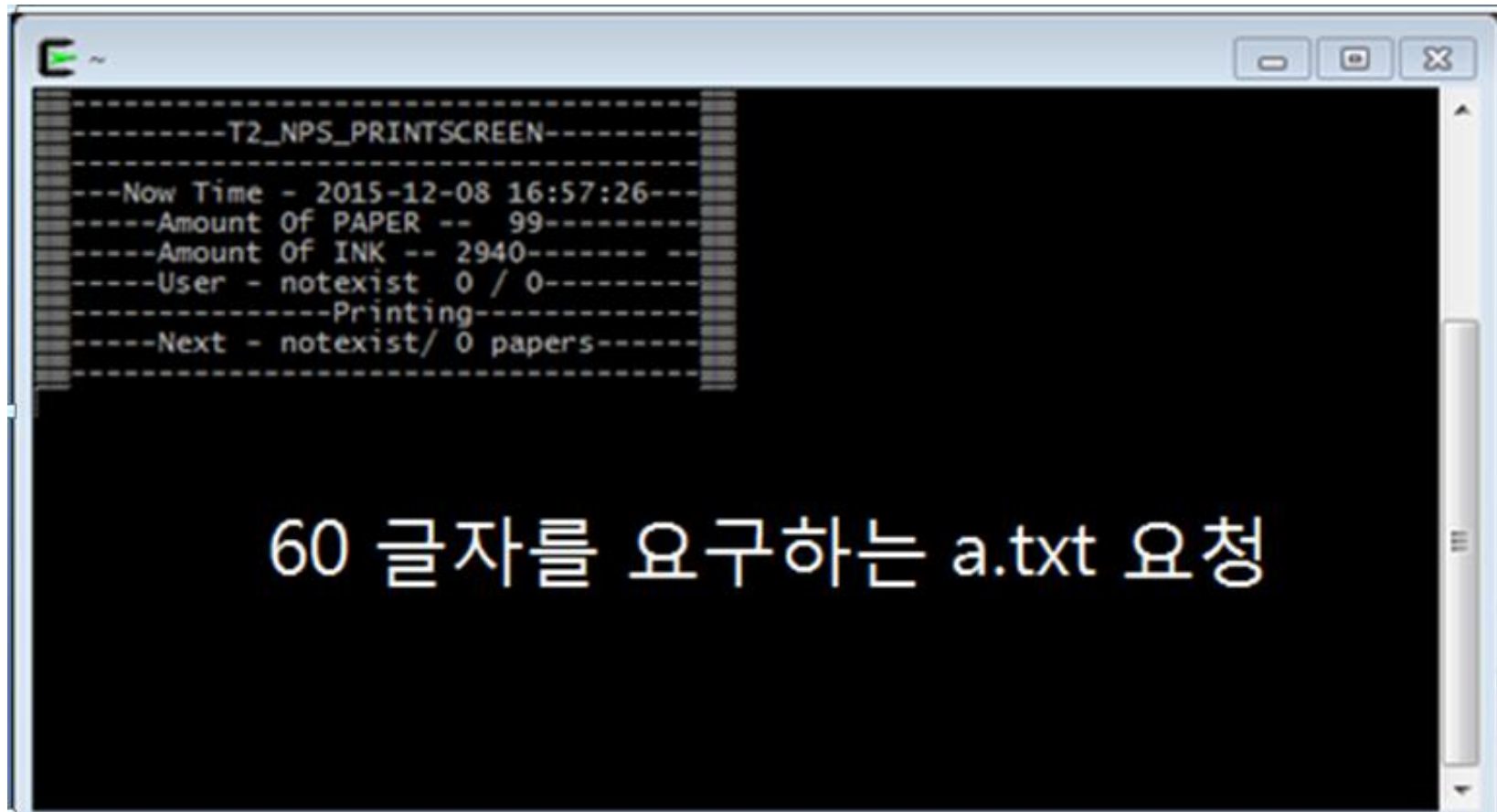
2. Responding context

T2_NPS.STC.004.000 -> 잉크 소모 부분에 맞게 소모 될 수 있도록 수정(60개의 글자 출력 화면)



```
happy@happy-PC ~
$ /home/happy/T2_NPS.exe
1. Enter by Admin
2. Enter by User for Print
3. Check Ink & Paper
4. Exit Programm
2
Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main~)(if you want to stop print, in
put ~stop print~)
userA a.txt
60Input : UserName Input : CopyFile :
(if you want to retrun main , input ~return main~)(if you want to stop print, in
put ~stop print~)
```

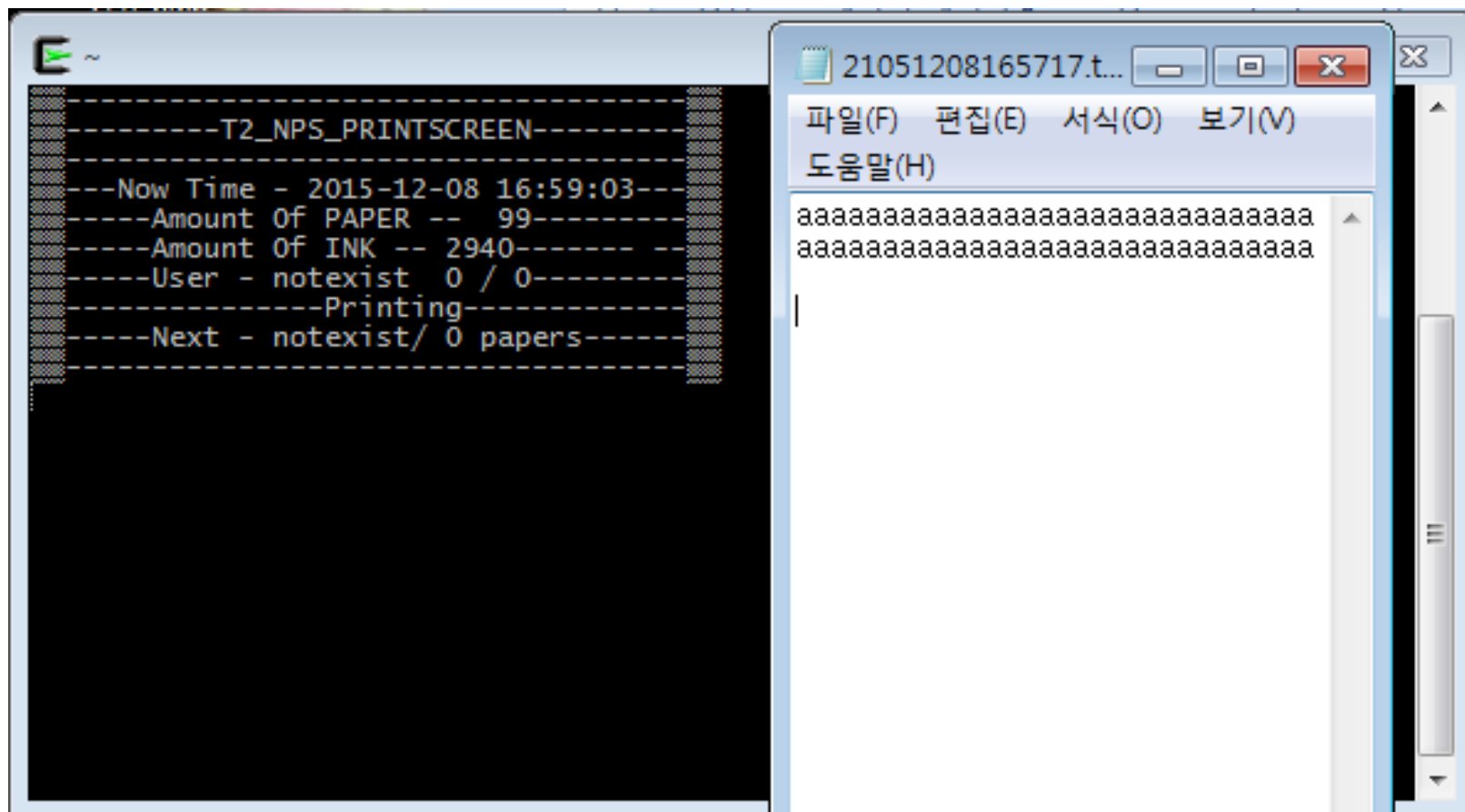
2. Responding context



```
-----T2_NPS_PRINTSCREEN-----  
---Now Time - 2015-12-08 16:57:26---  
---Amount Of PAPER -- 99-----  
---Amount Of INK -- 2940-----  
---User - notexist 0 / 0-----  
-----Printing-----  
---Next - notexist/ 0 papers-----
```

60 글자를 요구하는 a.txt 요청

2. Responding context



2. Responding context

T2_NPS.STC.003.010 ->
입장 시에 스크린의
잉크와 종이 양 초기화

-프로그램을 시작하게 되면
현재 잉크와 종이수로
알맞게 들어간다.

```
happy@happy-PC ~
$ /home/happy/T2_NPS.exe
1. Enter by Admin
2. Enter by User for Print
3. Check Ink & Paper
4. Exit Programm

-----T2_NPS_PRINTSCREEN-----
---Now Time - 2015-12-08 16:55:38---
---Amount Of PAPER -- 100---
---Amount Of INK -- 3000-----
---User - notexist 0 / 0-----
---                --Waiting---
---Next - notexist/ 0 papers-----
```


Q & A



THANK YOU!
