

Structured DESIGN

Network Printer System

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1. Modify Last Project

2. Structure Charts - Transform

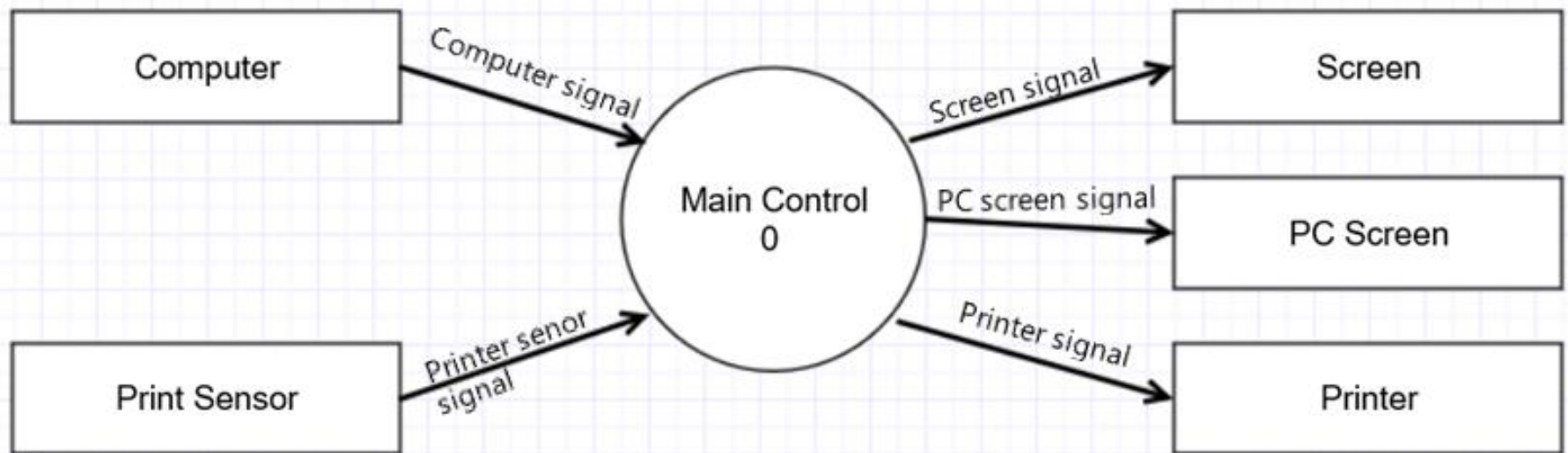
3. Structure Charts - BASIC

4 Structure Charts - Advanced

5. Question & Answer

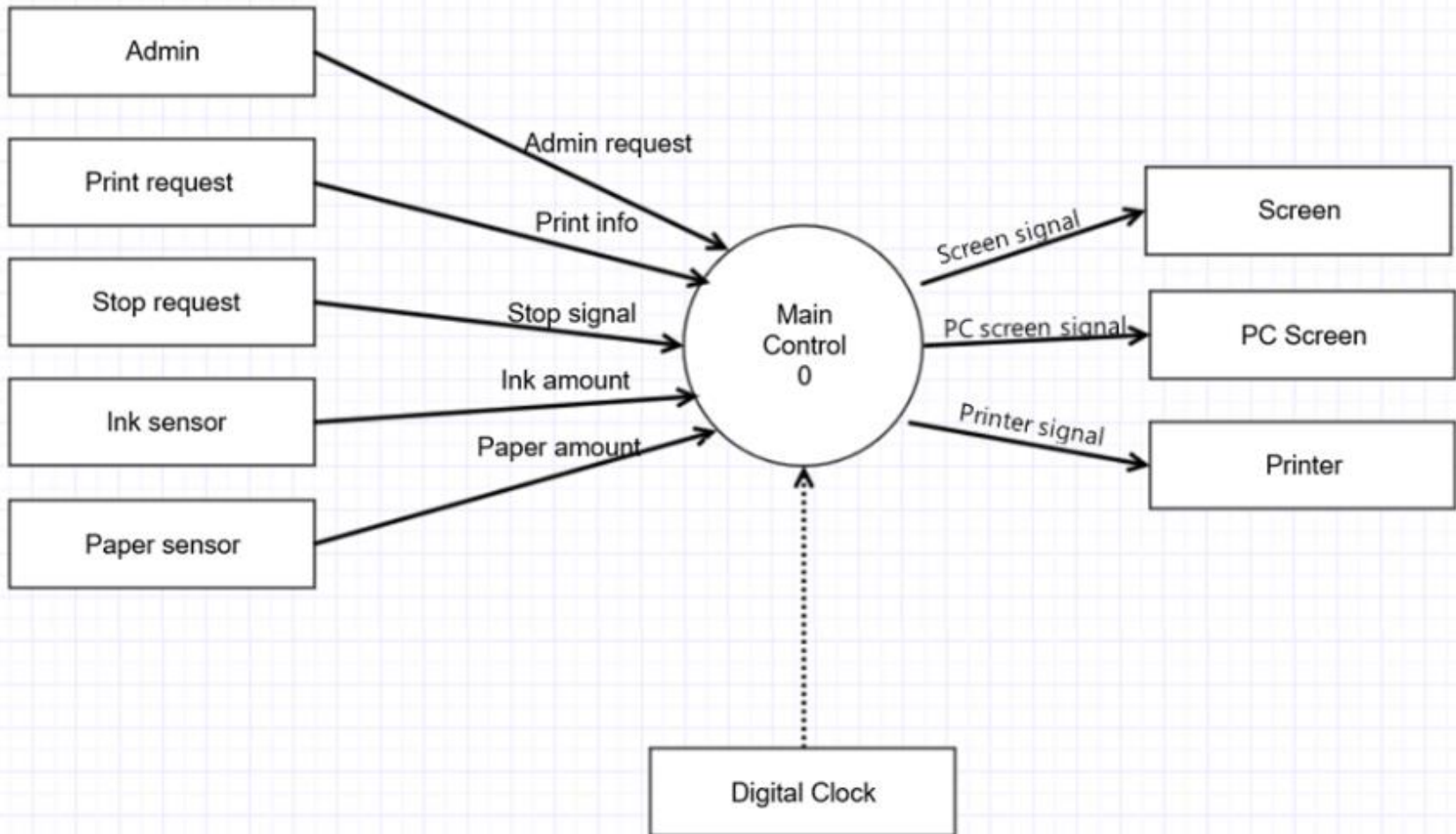
1. Modify Last Project

Basic System Context Diagram



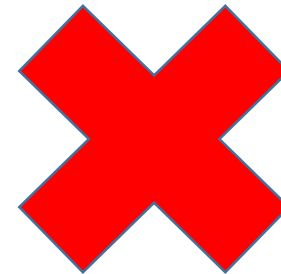
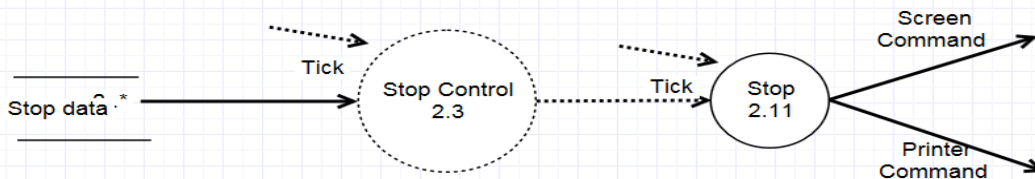
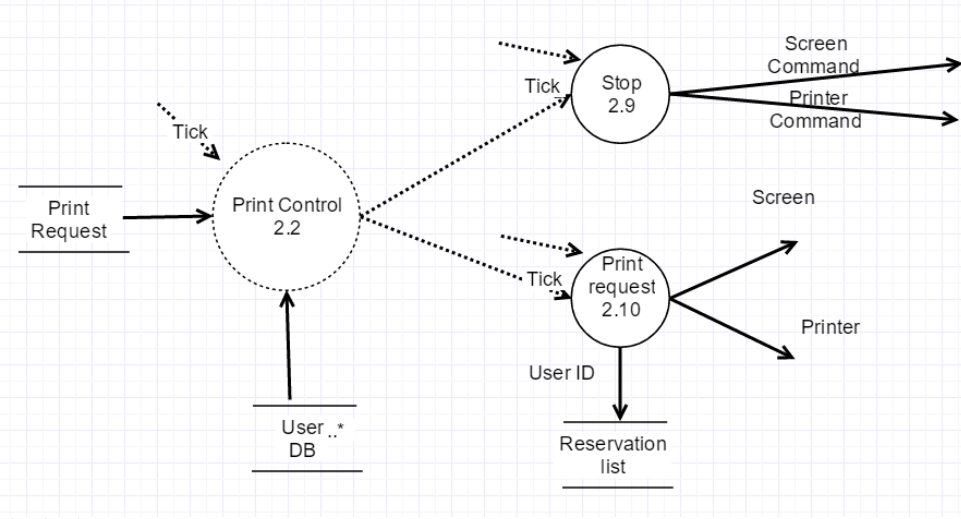
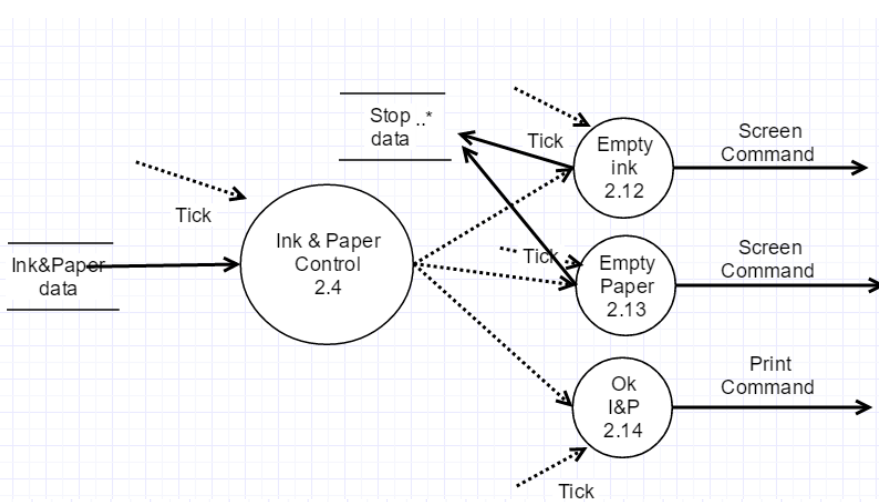
1. Modify Last Project

System Context Diagram



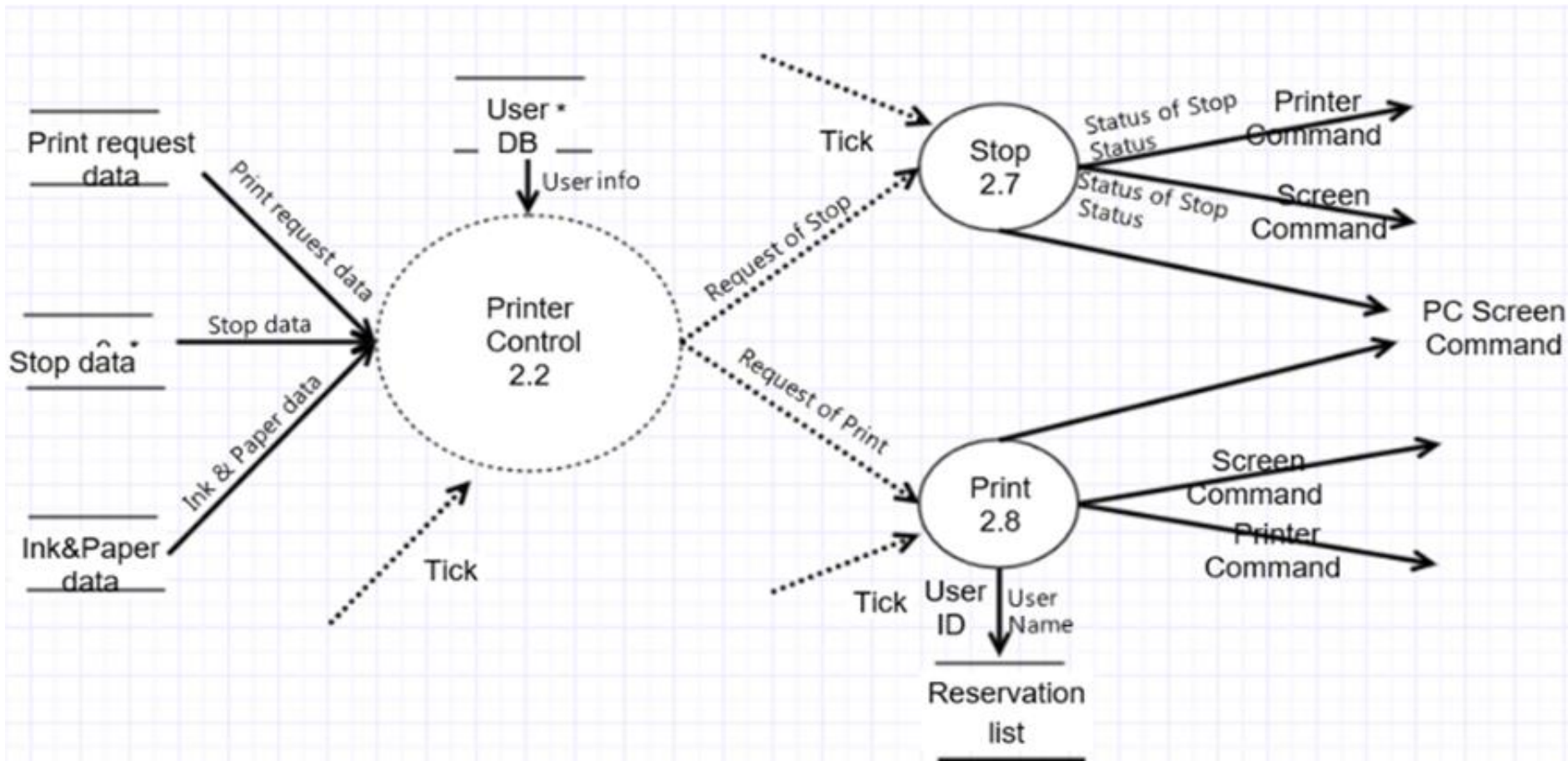
1. Modify Last Project

DFD Level 3-2 Before



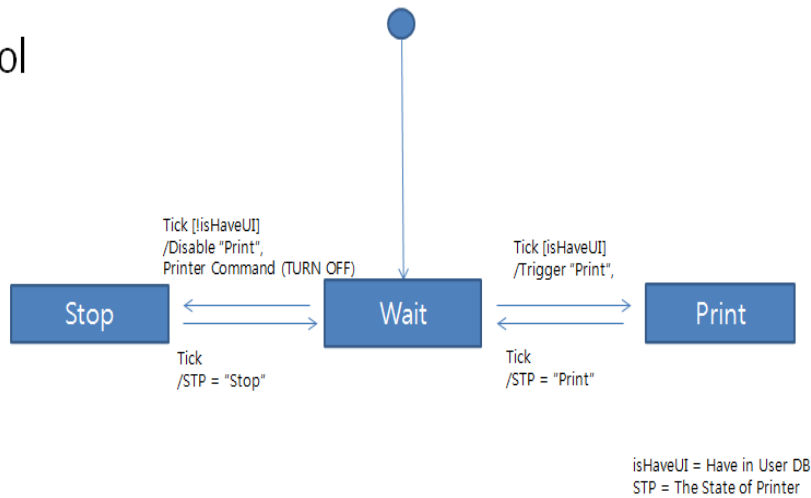
4. Data Flow Diagram

DFD Level 3-2 After

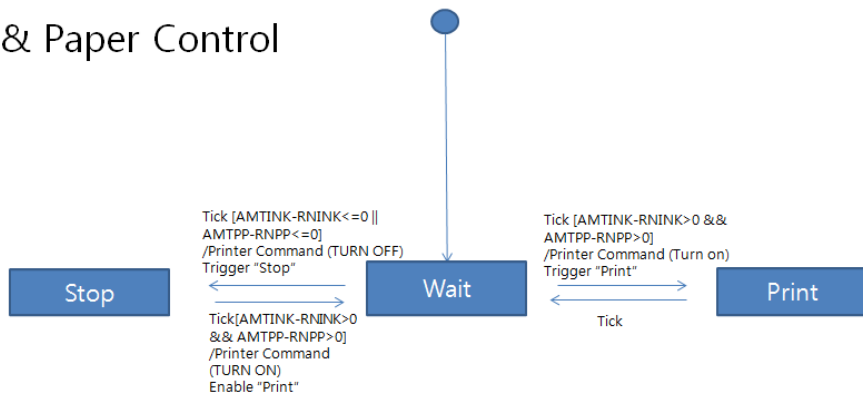


1. Modify Last Project

Print Control

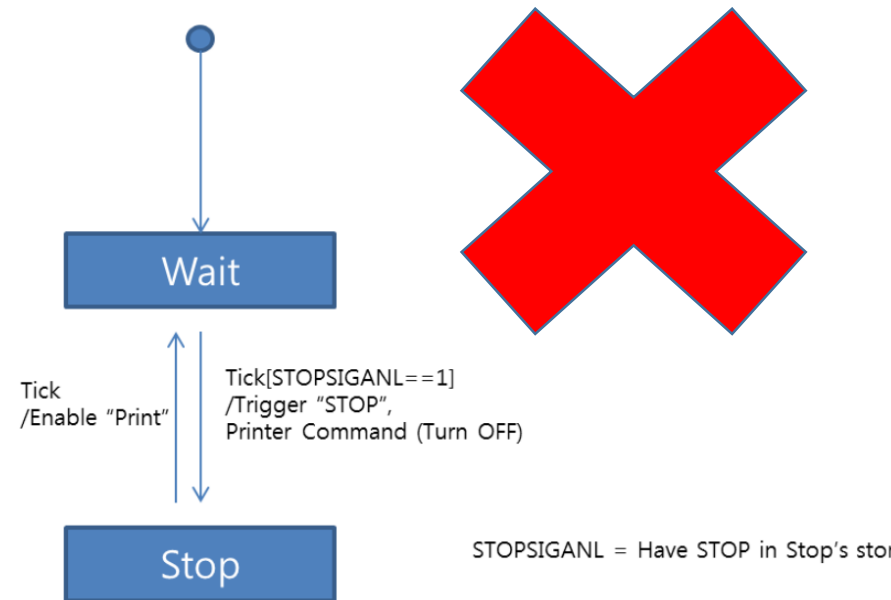


Ink & Paper Control



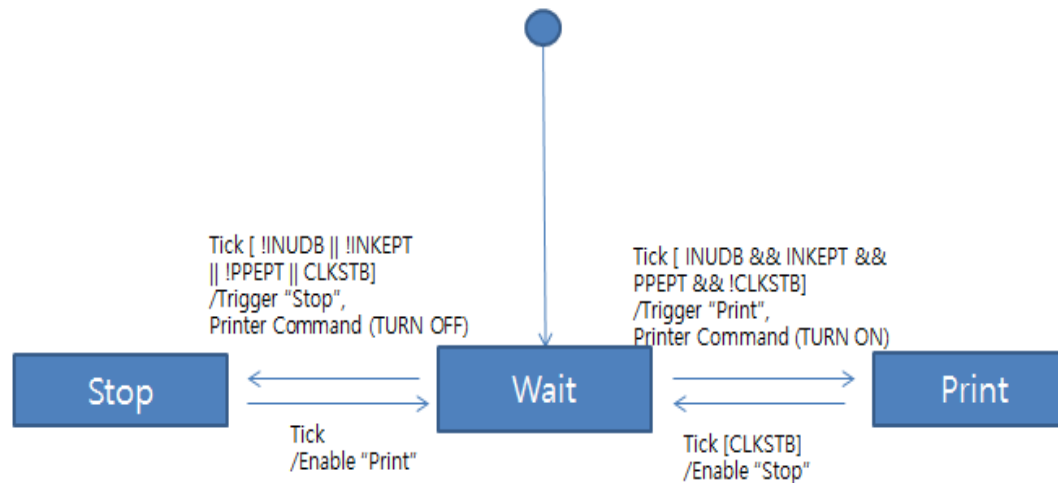
AMTINK = Amount of Ink
AMTPPP = Amount of Paper
RNINK = Real Need Ink
RNPP = Real Need Paper

before



1. Modify Last Project

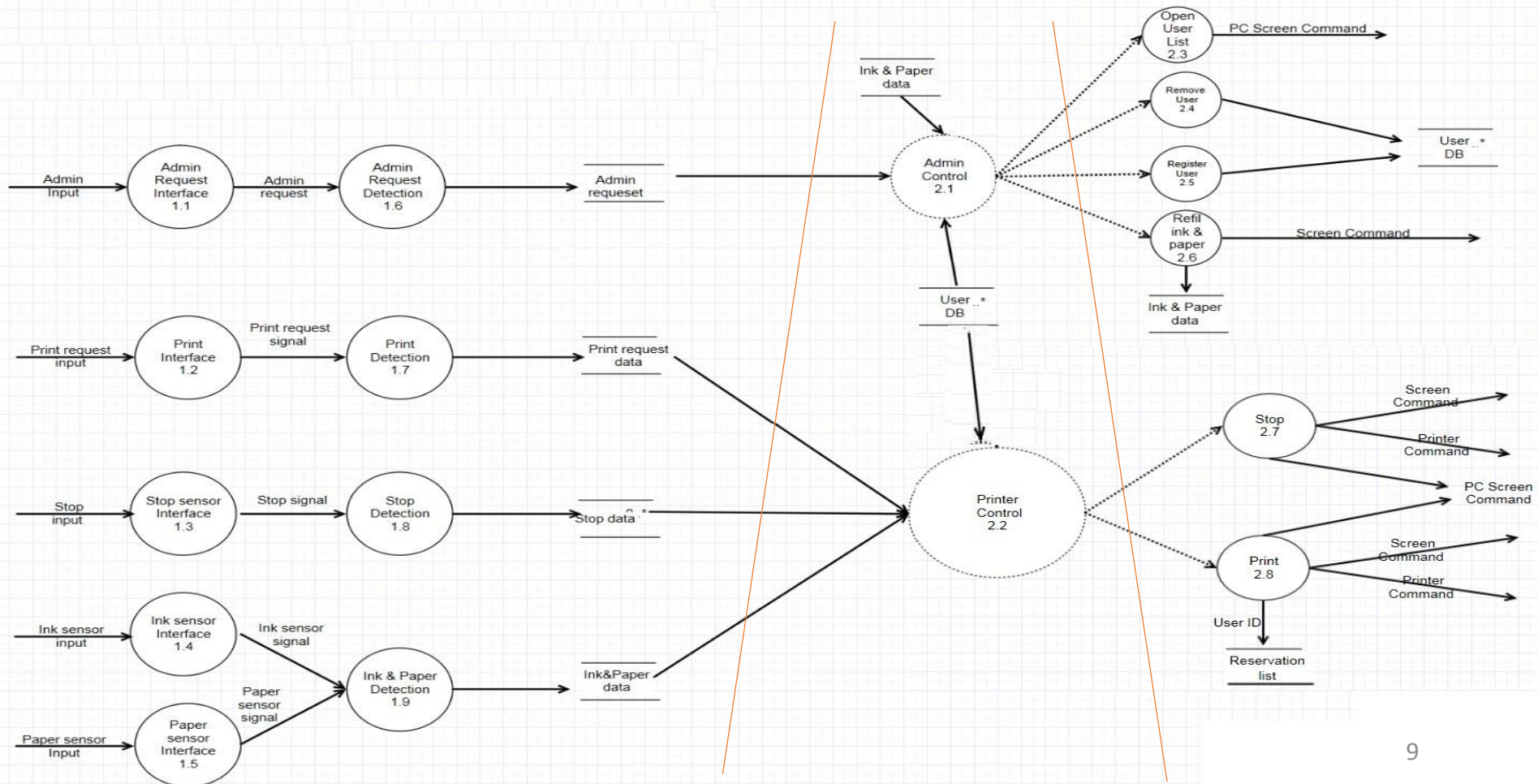
Printer Control



INUDB = In User DB
INKEPT = (Amount of Ink)-(Real need Ink)>=0
PPEPT = (Amount of paper) - (Real need paper)>=0
CLKSTB = Click the Stop button

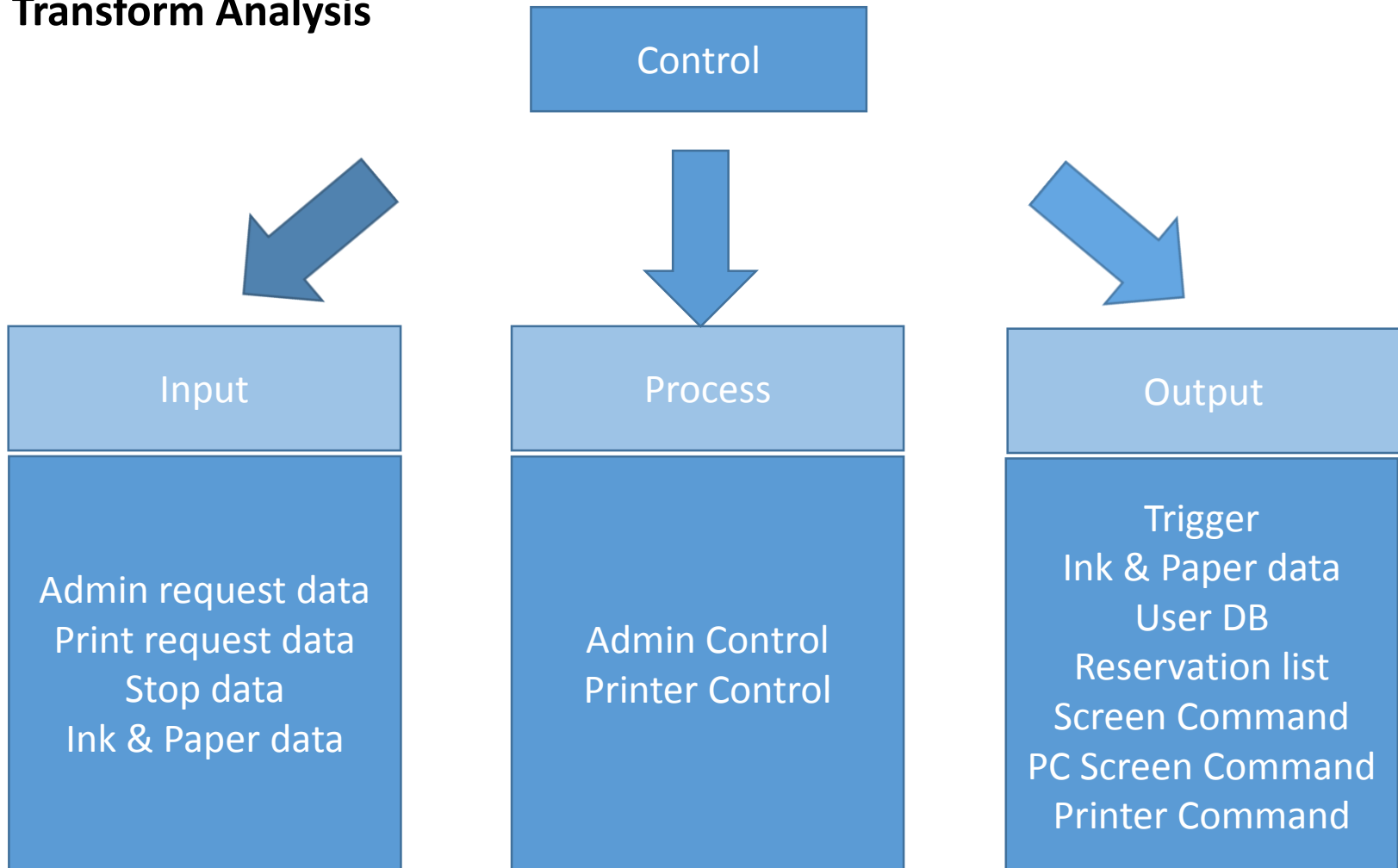
2. Structure Charts

- Transform Analysis



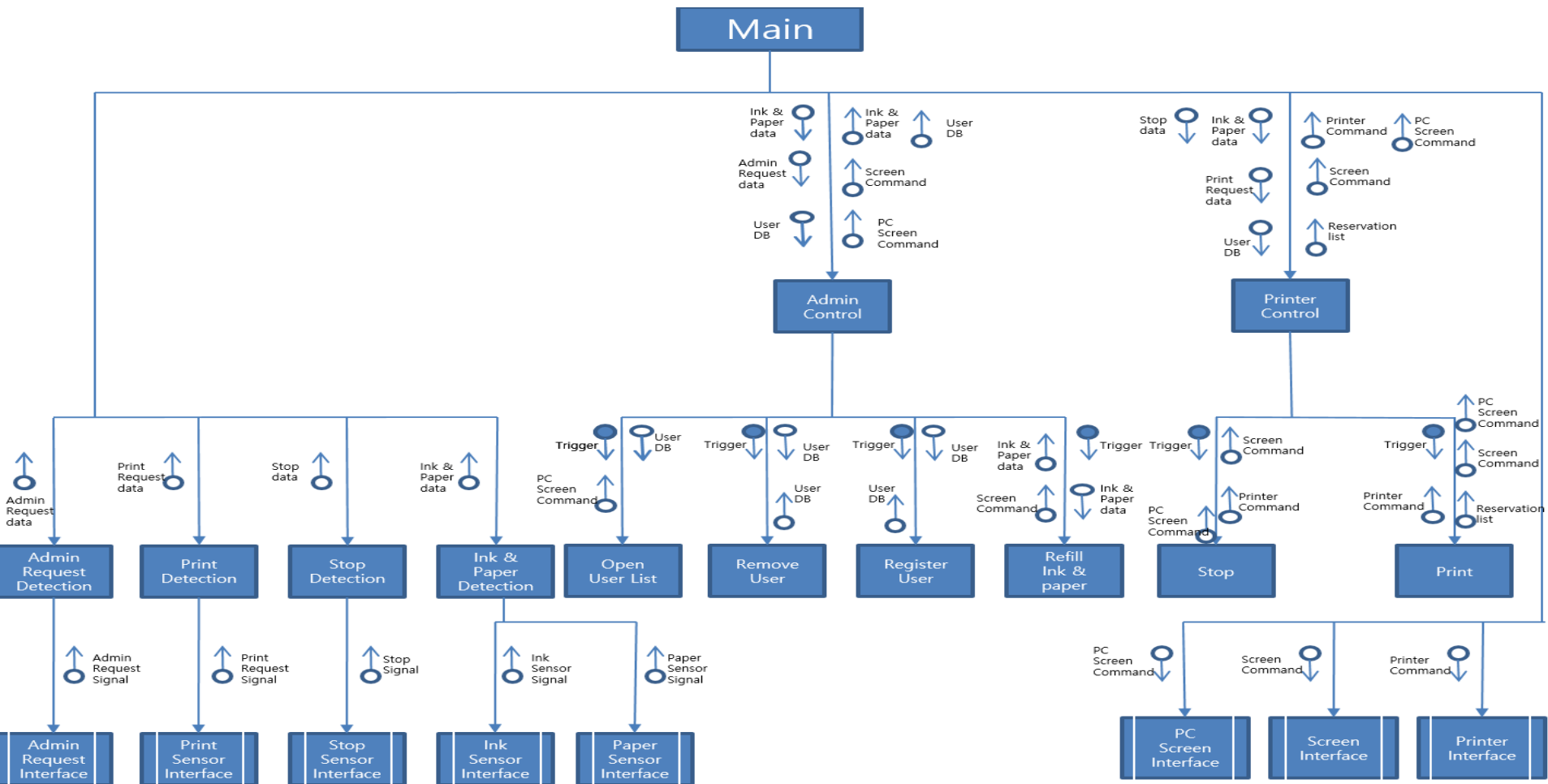
2. Structure Charts

- Transform Analysis



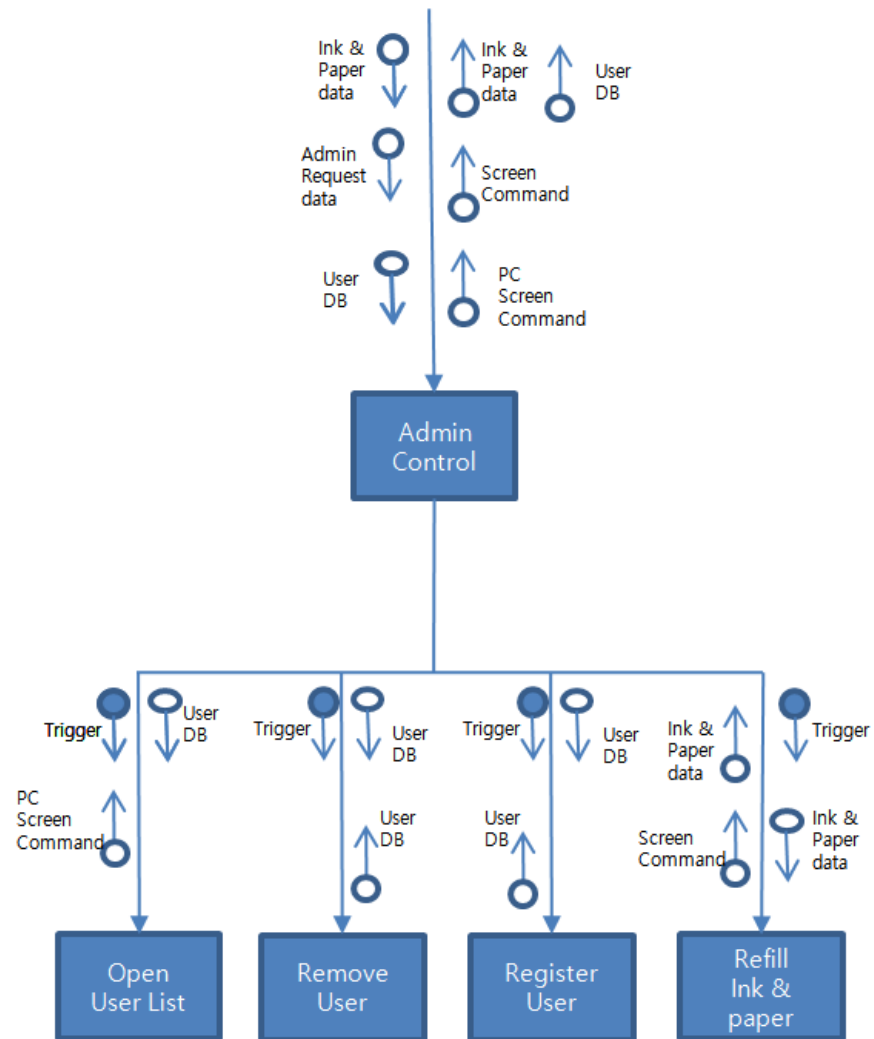
3. Structure Charts

- Basic



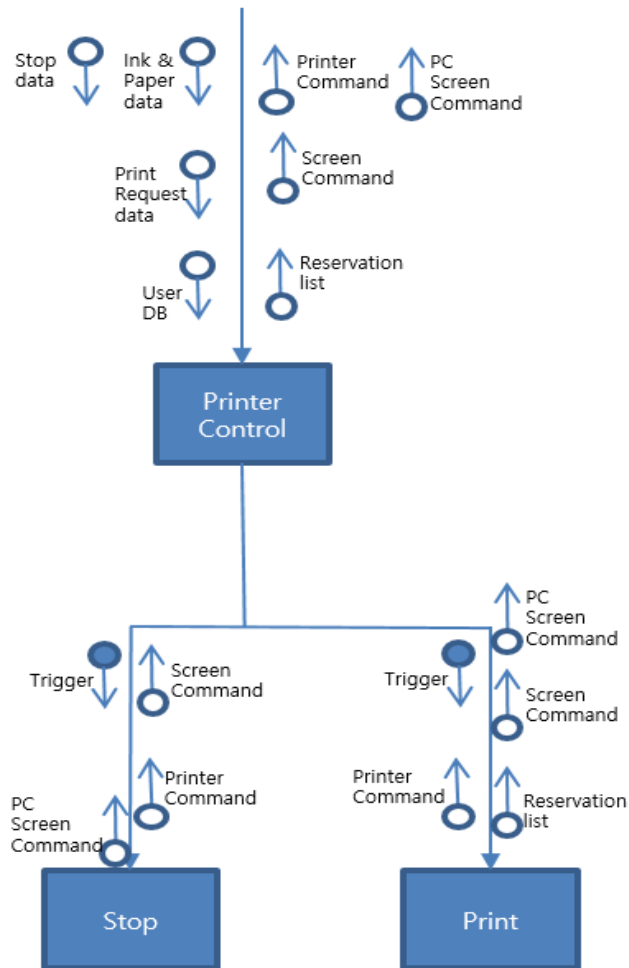
3. Structure Charts

- Basic – Admin Control



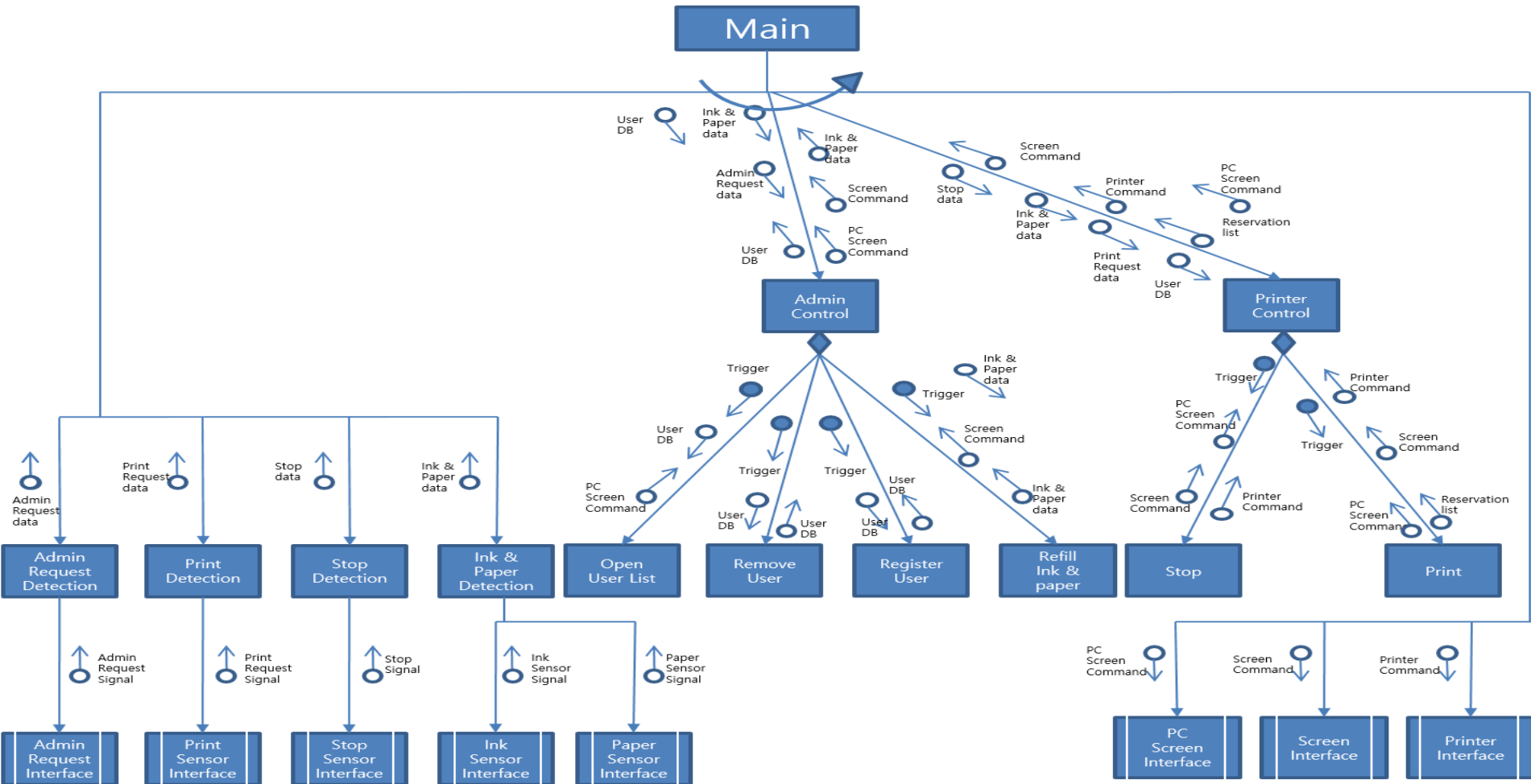
3. Structure Charts

- Basic – Printer Control



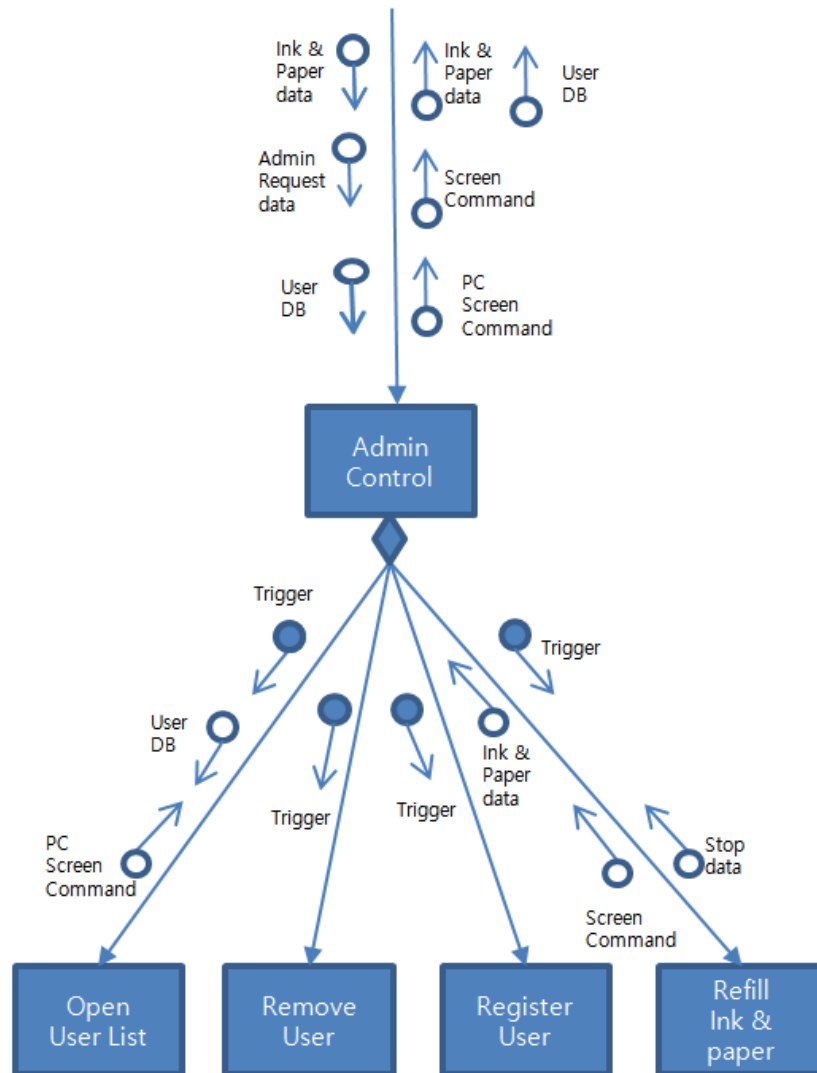
4. Structure Charts

- Advanced



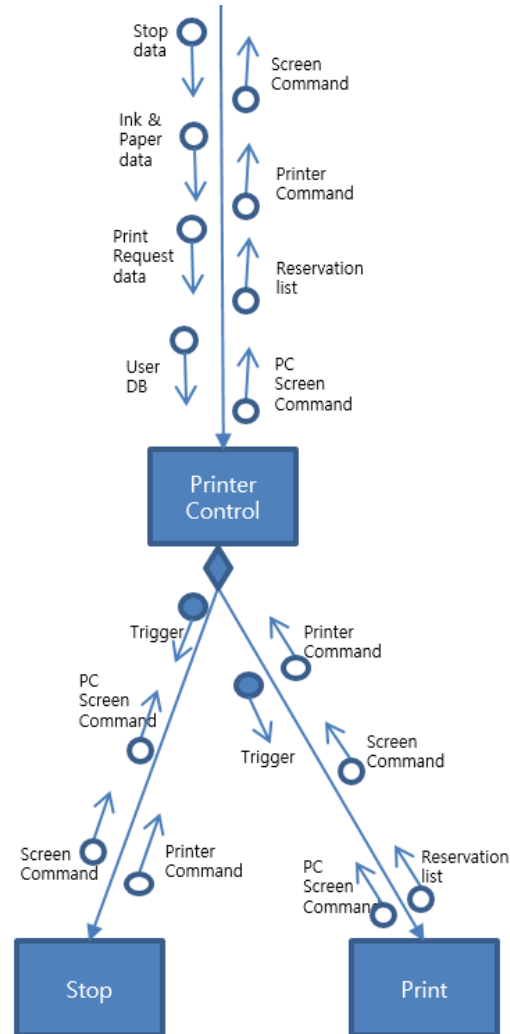
4. Structure Charts

- Advanced – Admin Control



4. Structure Charts

- Advanced – Printer Control



Q & A

THANK YOU!
