

# RFID Xpr3ss

Technical Communication Skills Practicum  
March 29, 2006

## The J Team

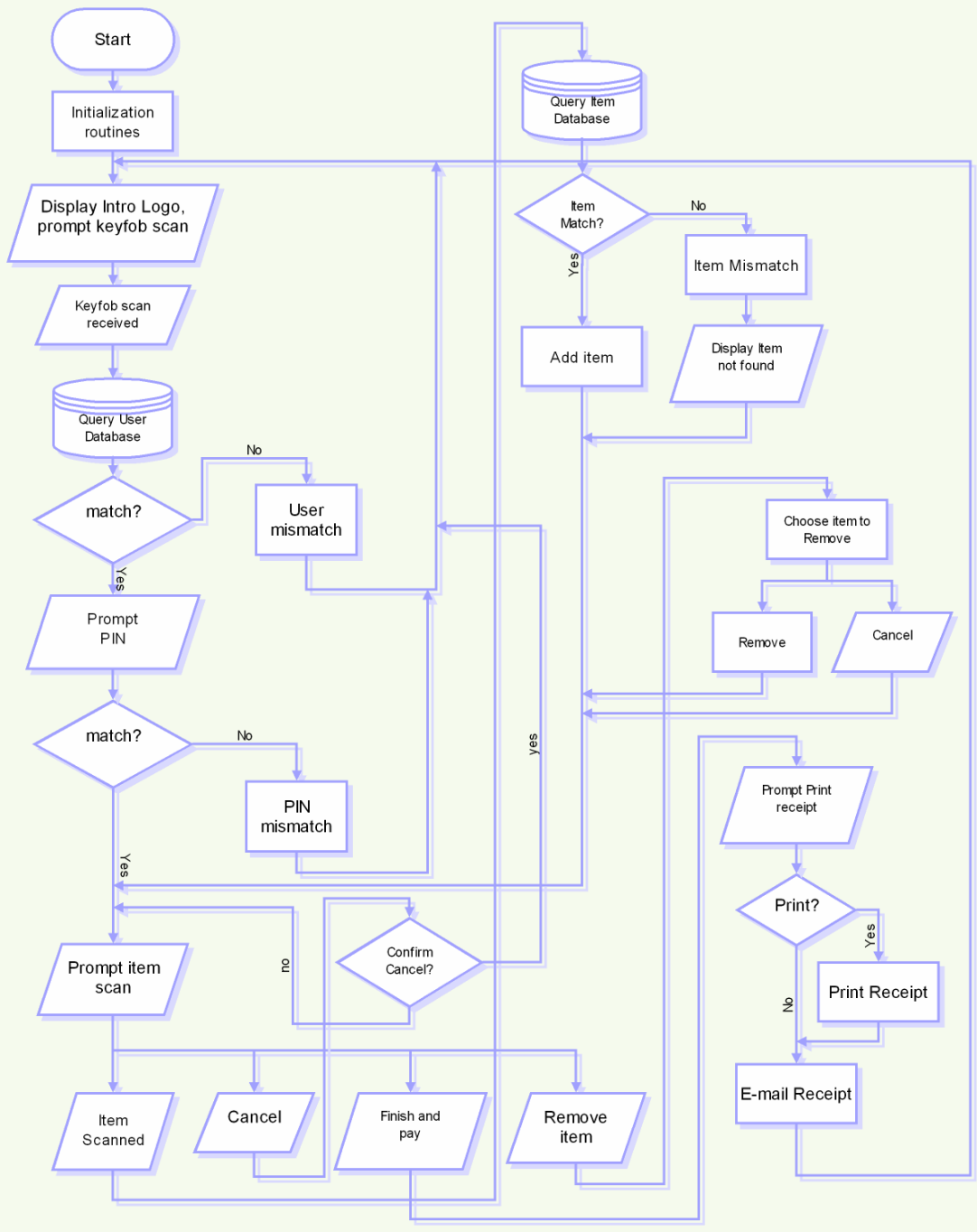
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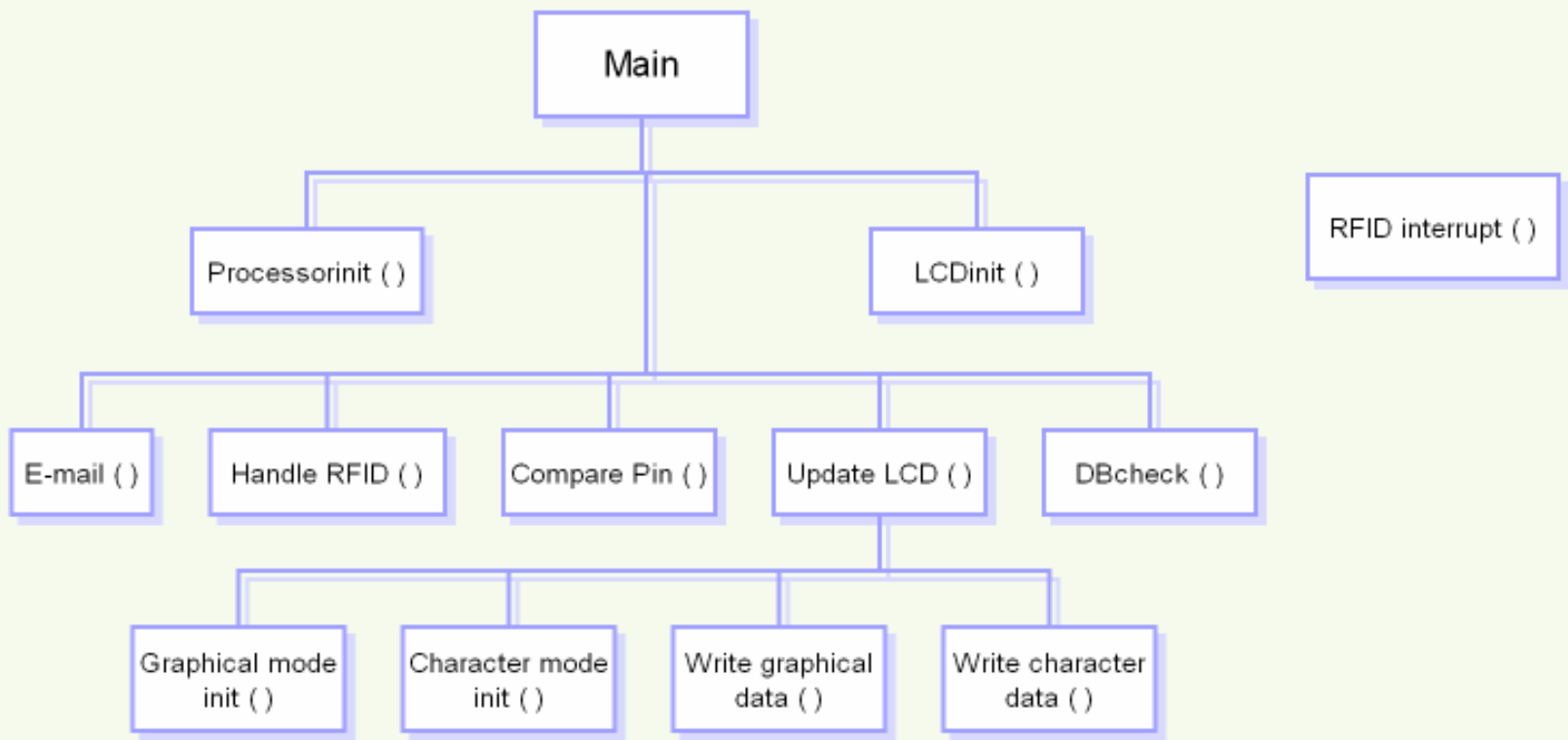
## Main Flowchart



# Code Hierarchical Diagram

# RFID Xpr3ss

Code Module Hierarchical Diagram



# Code Flow Algorithm

## RFID Xpr3ss

- Interrupt-Flag-Driven-Polling-State-Machine (I.F.D.P.S.M.)
- To help you remember...
  - I Find Diodes Pretty Some Mornings
  - Indiana Fire Department and Police Sell Monkeys
  - I Frequently Drink Pop, Seldom Milk
  - Incredible Feats of Digital Port Soldering Magic
  - Intense Fluxing Develops Pretty Sticky Messes

- Interrupt-Flag-Driven-Polling-State-Machine

main:

switch on state:

case state1:

check flags important to state 1:

run method to handle flags

nextstate = ...

.

.

case state n:

check flags important to state n

run method to handle flags

nextstate = ...

if keypad is important to current state:

poll keypad

if keypressed:

store key and assert key flag

## • Code Viewer

- RS232.c
- Keypad Polling w/PIN.c
- RFID - Printer.c
- LCD Code v1.c
- LCD Code v2.c
- 477logo.txt