

6.111 Newscast

Input module (Obinna)

- Ensure code from fall 2005 works correctly
- Modify it to meet our display requirements
 - Converting YCrCb to RGB
 - Discarding one of the interlaced frames

Video Processing (Obinna)

- RGB to HSV conversion
- Chroma keying
- Image composition

Control module (Jo)

- Address generation
 - Allow user to store multiple snapshots from camera into ZBT memory
 - Corresponds a button to each stored image and outputs data
- Text display
 - Allows user to type into keyboard and display on VGA screen

Output (Jo)

- Displays data to VGA screen

Graphical interface (Jo)

- Allows user to move picture box to desired location
- If time permits: Allows resizing