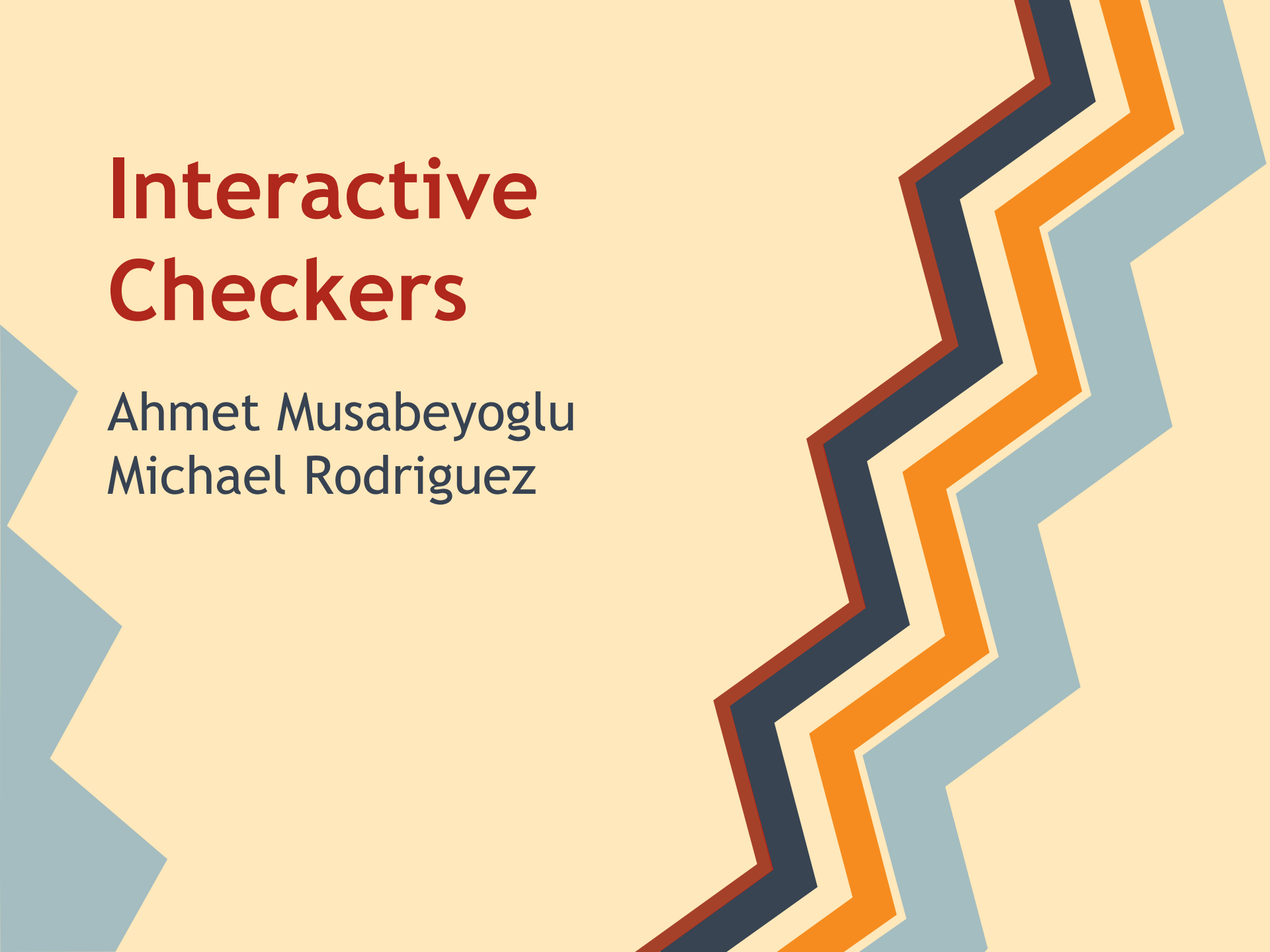


Interactive Checkers

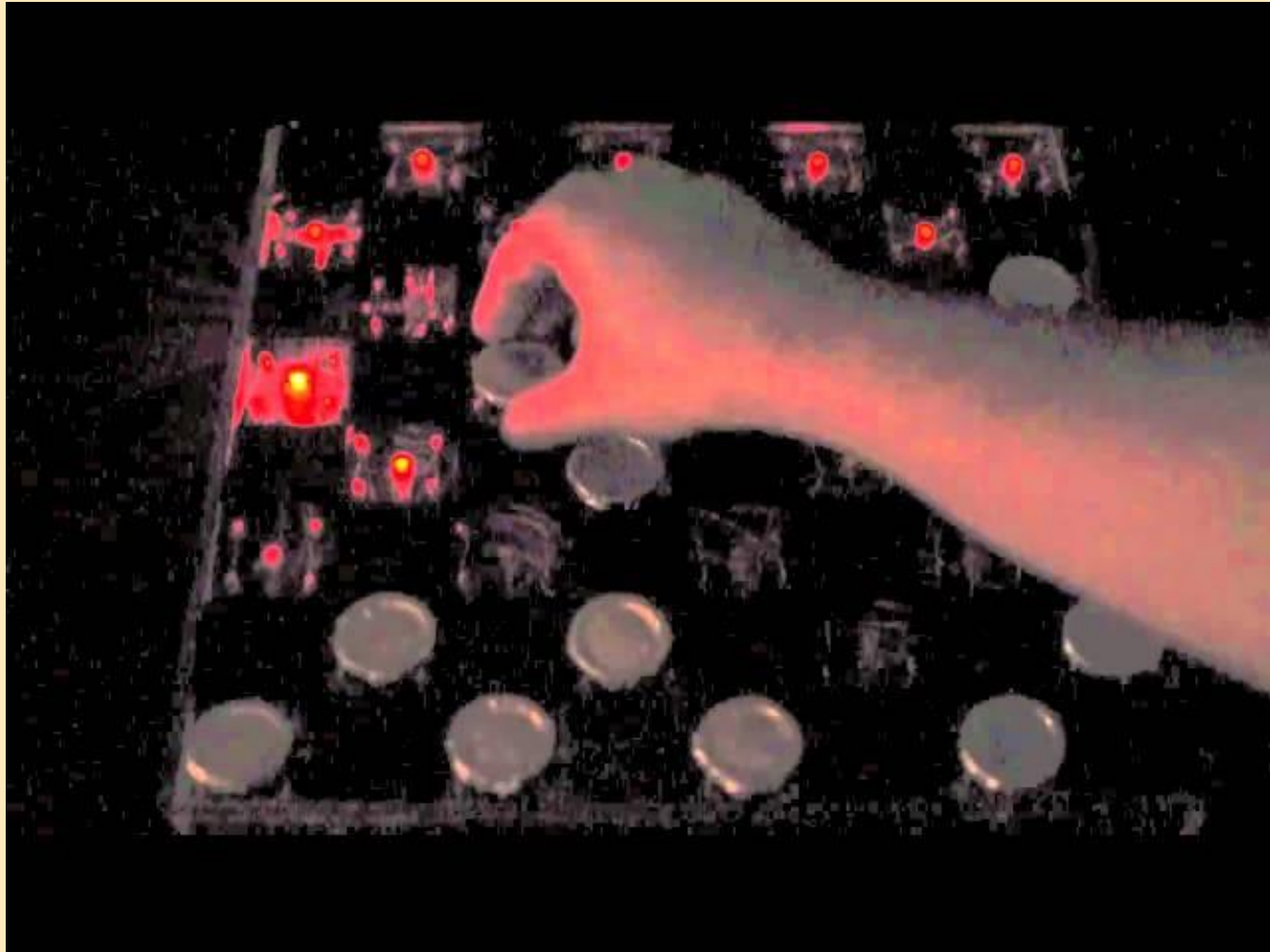
Ahmet Musabeyoglu
Michael Rodriguez



Motivation

- Image Processing
 - *Object recognition*
 - *Object tracking*
- Implement a system that interfaces with different machines
- Fun and challenging

Our Inspiration



Block Diagram

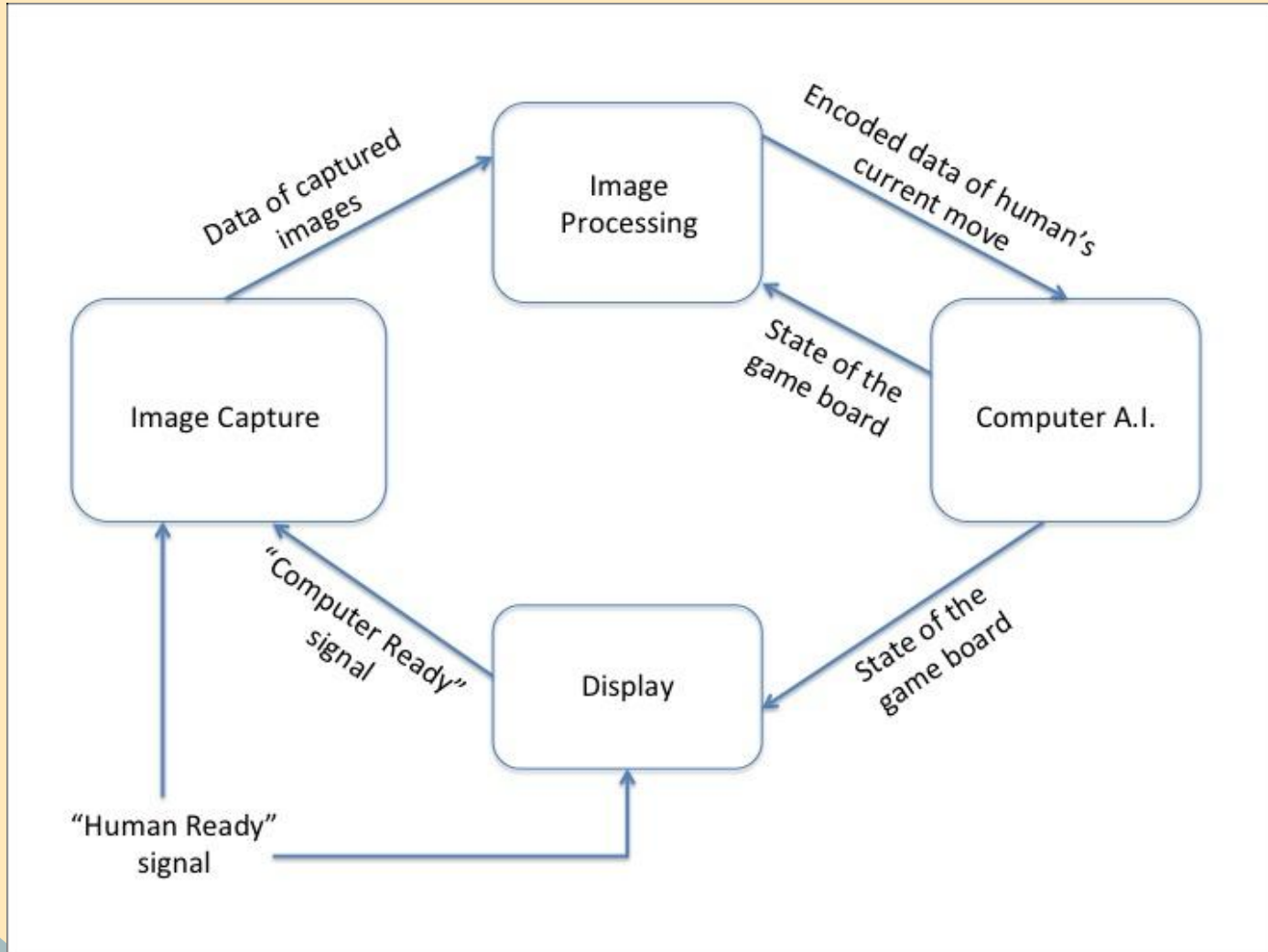


Image Capture

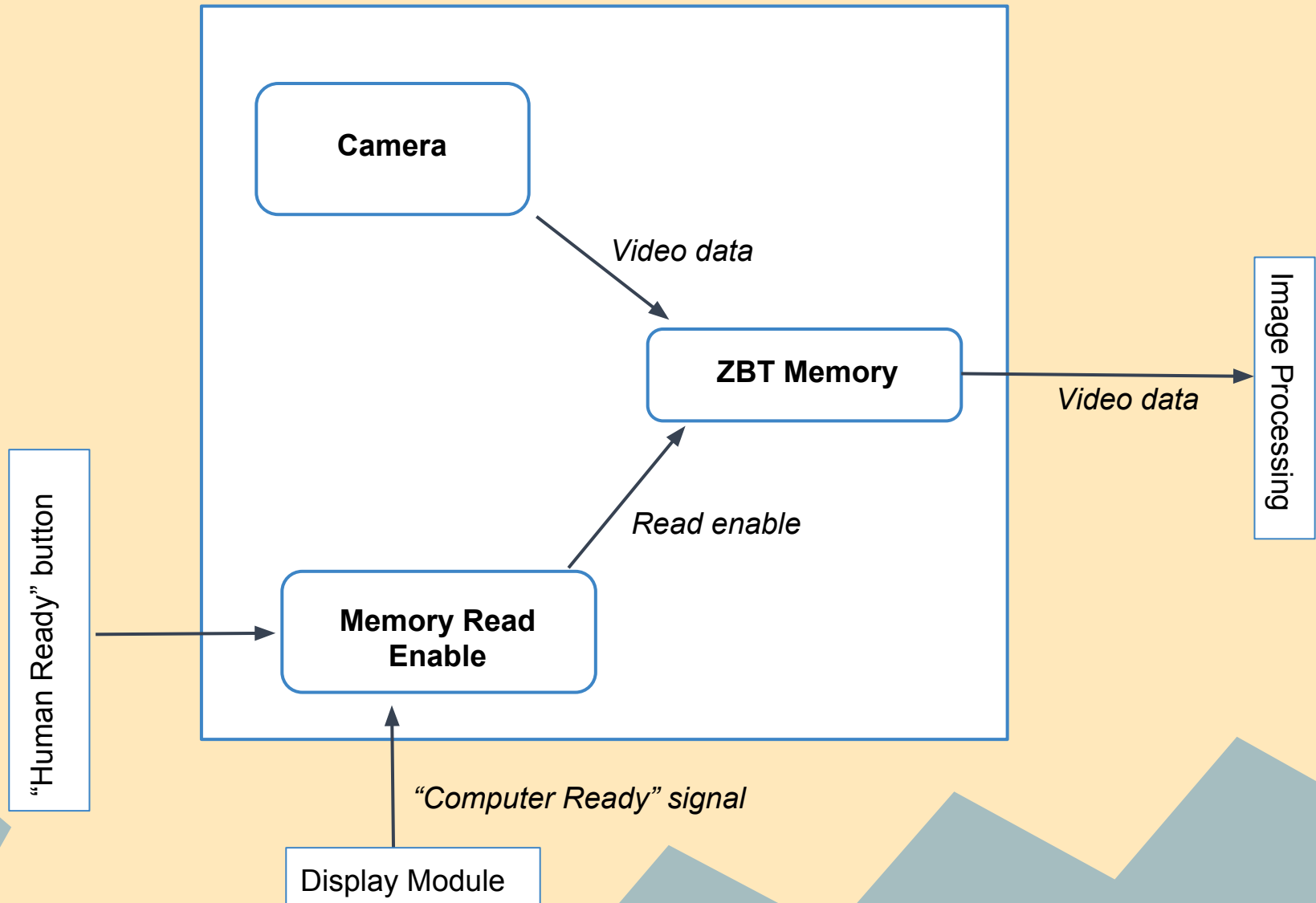
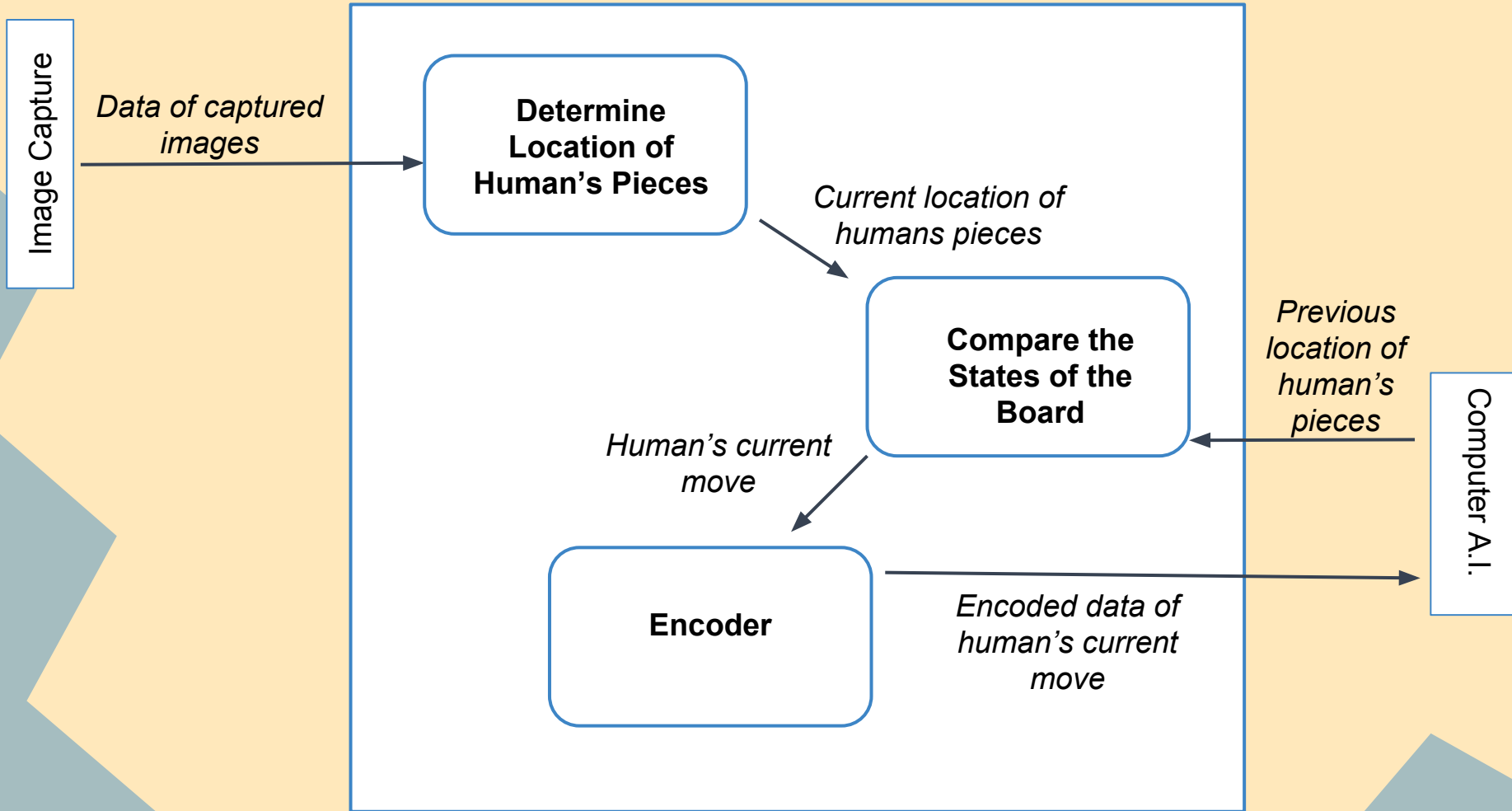
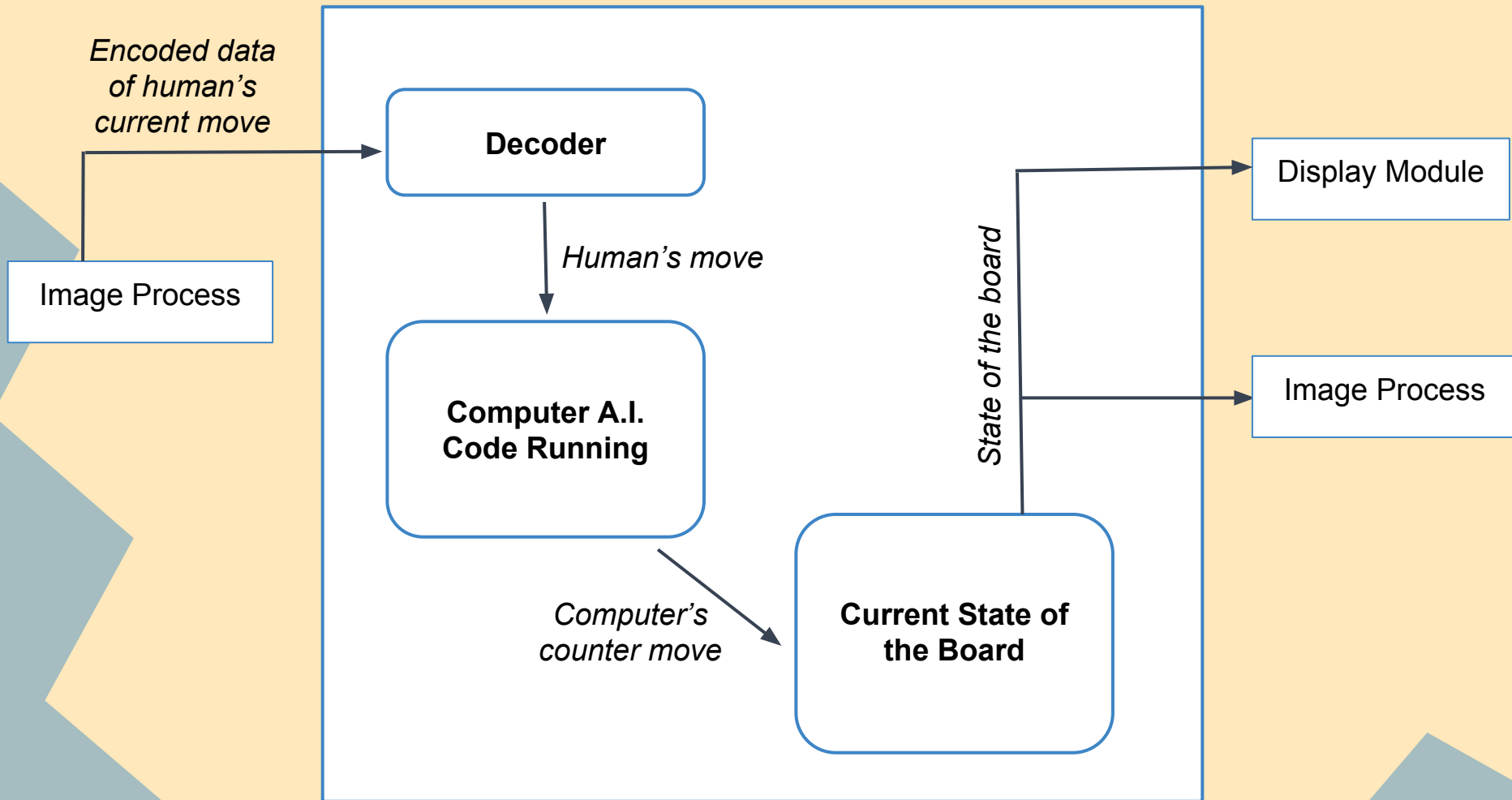


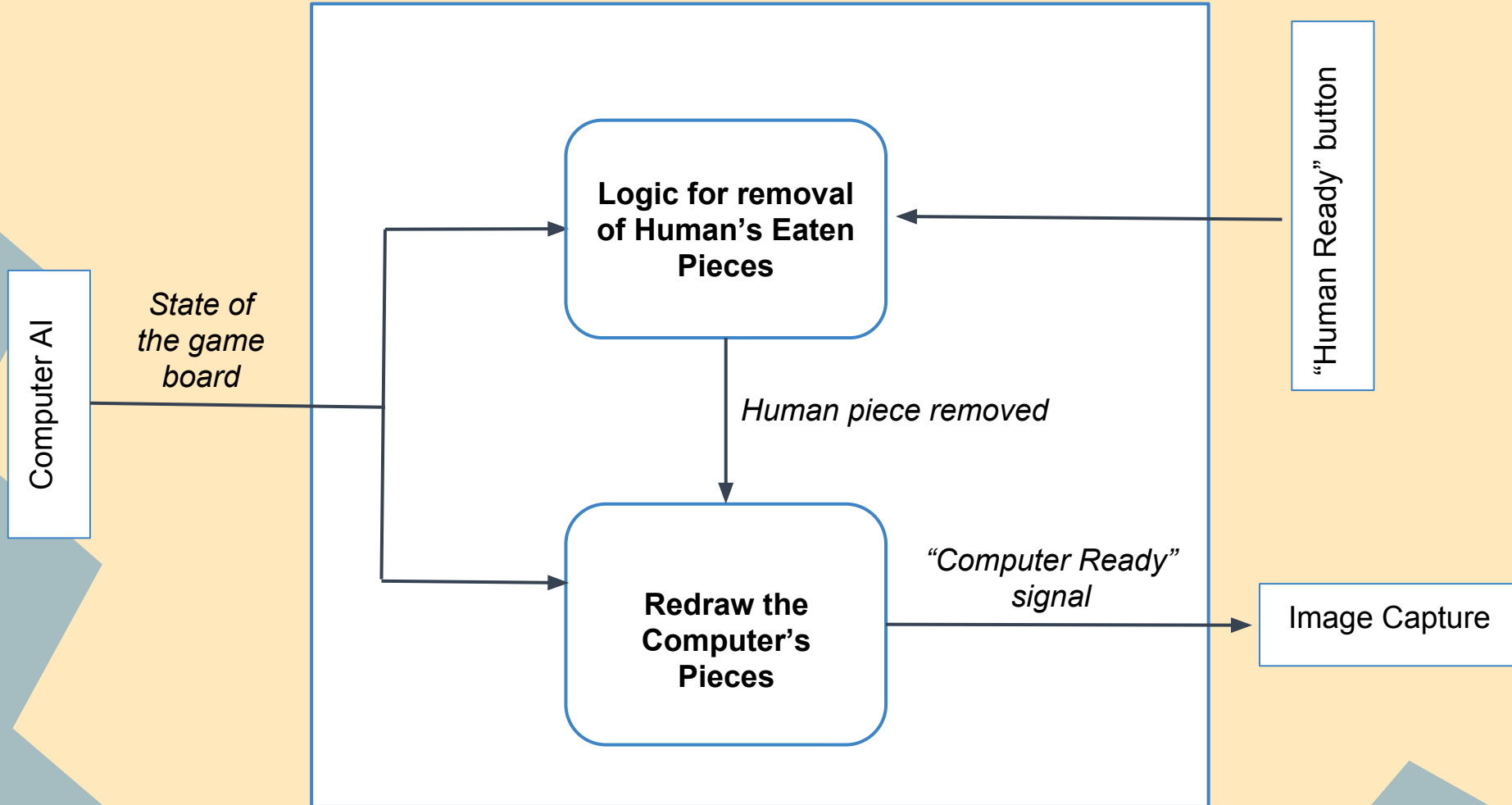
Image Processing



Computer AI



Display Module



Timeline

Week of Nov. 11-

Michael- Interfacing between camera and FPGA.

Ahmet- Establish interface between computer and FPGA.

Week of Nov. 18-

Michael- Design and Debug Image Processing Module.

Ahmet- Customize and test Checkers Computer AI.

Week of Nov. 25-

Michael- Create and test Display Module.

Ahmet- Combine Image Processing and Computer AI modules.

Week of Dec. 2-

Final Debugging and testing.



Questions?