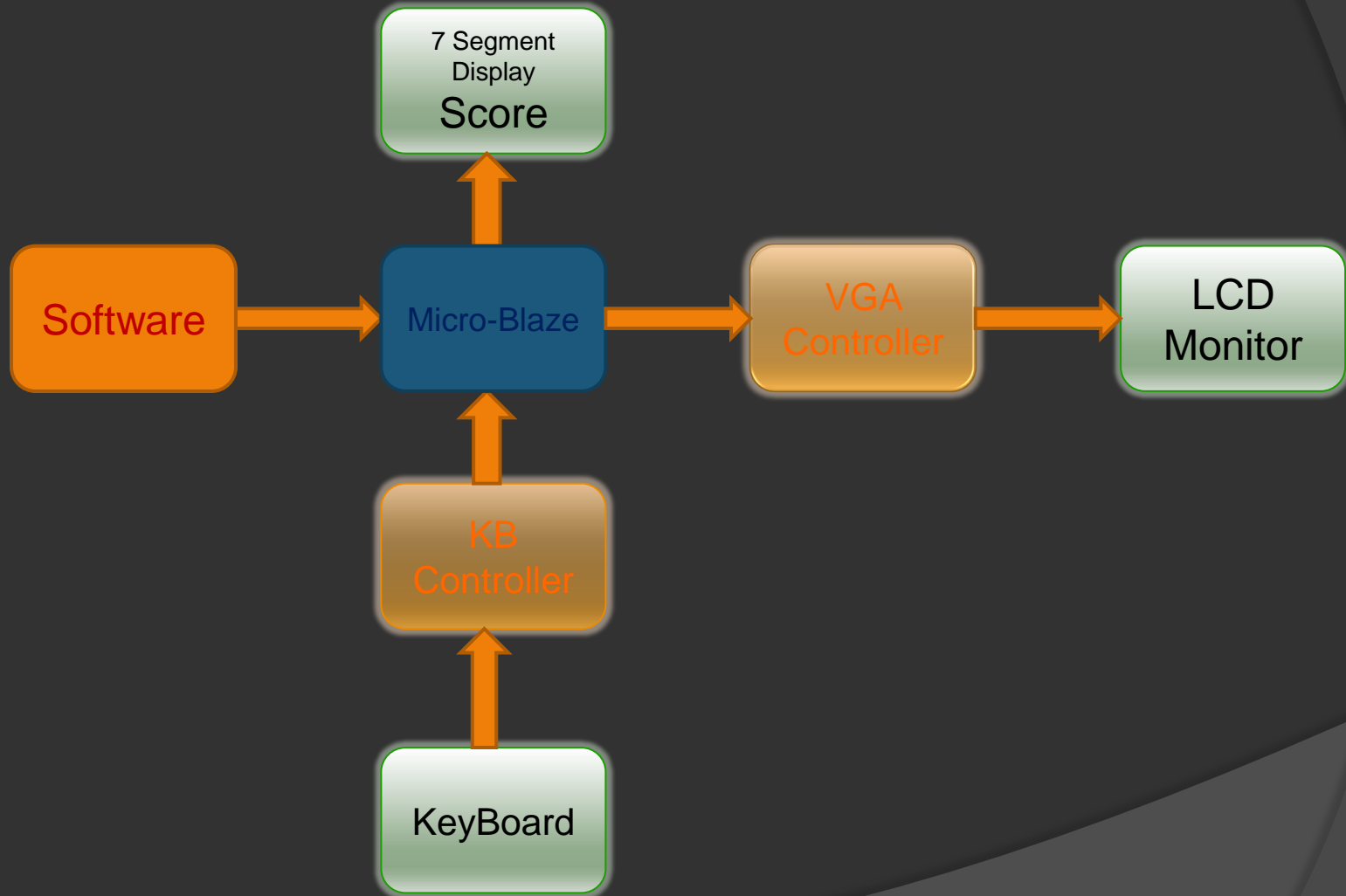


PING PONG GAME

Mittapalli Radhika(aso10rmi)

- ⦿ Implemented a two player pingpong game.
- ⦿ Implemented in hardware.
- ⦿ VGA display.
- ⦿ Game can be played with the push buttons on the board

Block Diagram

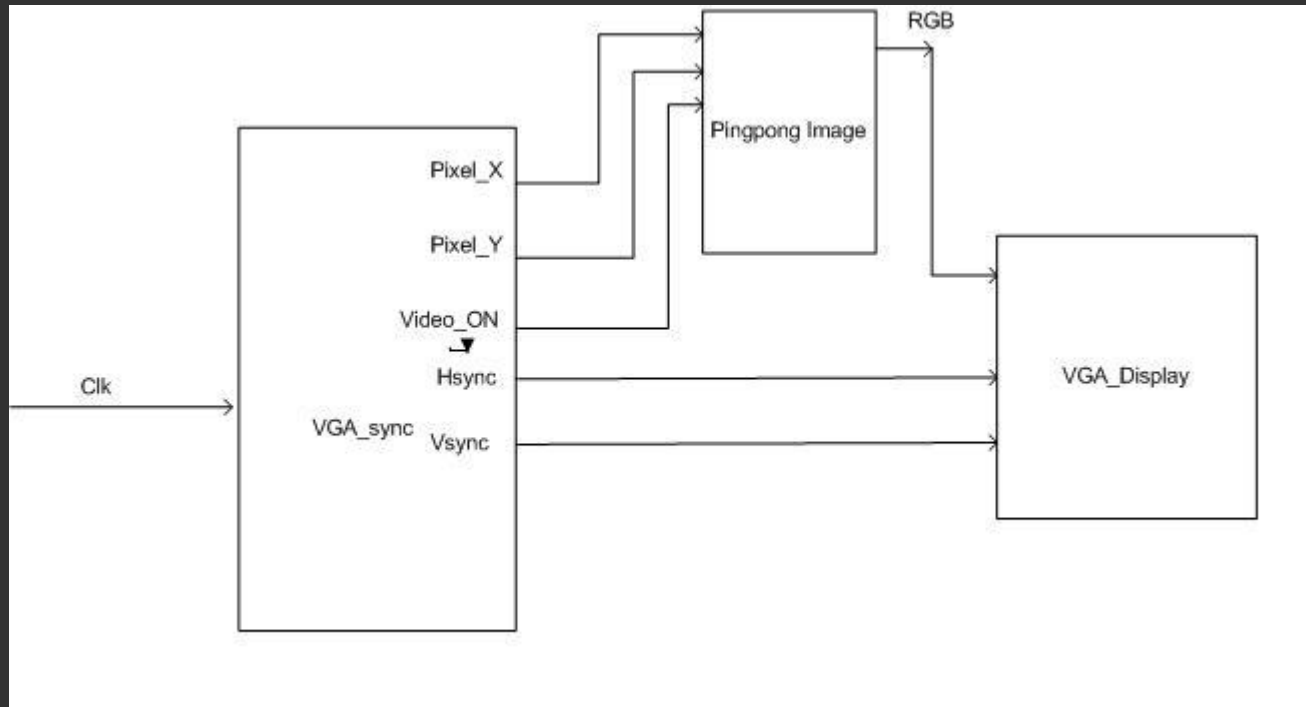


Implementation

Hardware

- ⦿ Game Logic
- ⦿ VGA Controller

VGA Controller



Improvements

- Lot many improvements can be done as only a basic game is implemented.
- Display Score.
- Acceleration can be provided to the ball.
- Sound effects can be added.

Problems

- ⦿ Couldnot meet the proposal fully as the other team members dropped from the course.
- ⦿ Proper group selection and proper project planning.

Conclusion

- Good opportunity to learn and explore Xilinx platform studio.
- Understanding of interfacing different peripherals.

THANK YOU