

Challenges



FruitNinja on touch screen # boring Augmented reality is next big thing. Can we do it on an FPGA?







Wins

Start screen
Give it a UI with soure
Obey conservation of momentum
Add music
Cheat mode
'Game over screen
'Bombs'

Schedule

Implement game logic blocks	implement year input blacks Implement video output blacks	Combine blocks into system	Write final report Work on final presentation	Final Presentation	
Week of Nov. 18th	North of Rev. 1985	Work of New 2005	Week effice, and	Week of the 19th	_





Augmented Reality Fruit Ninja

6.111 Final Project

Nathan Monroe Isaac Evans Drew Dennison



overview

What in the world is Fruit Ninja?



our implementation is "augmented reality"

an immersive user experience: advanced graphics, sound, physics



What in the world is Fruit Ninja?



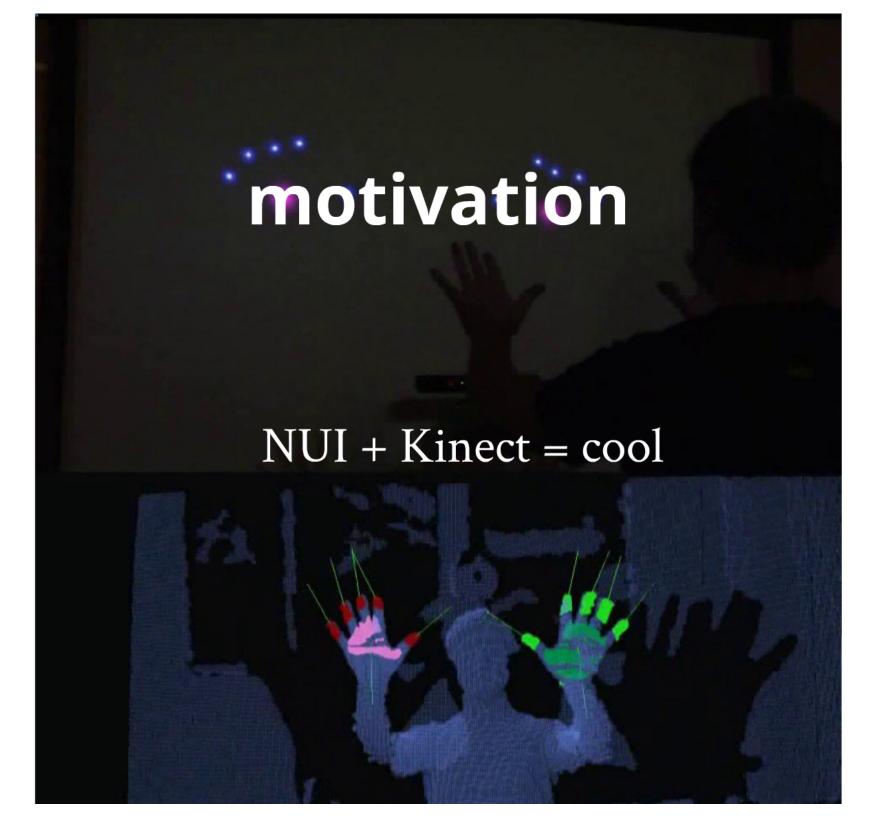


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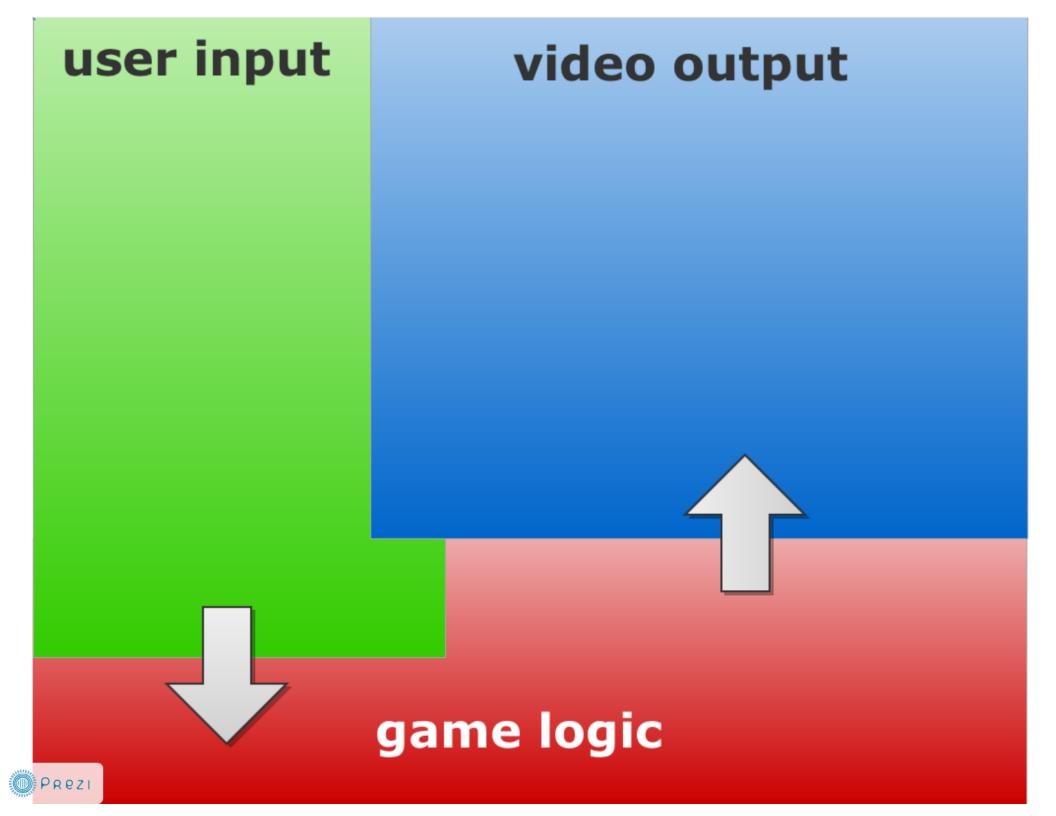


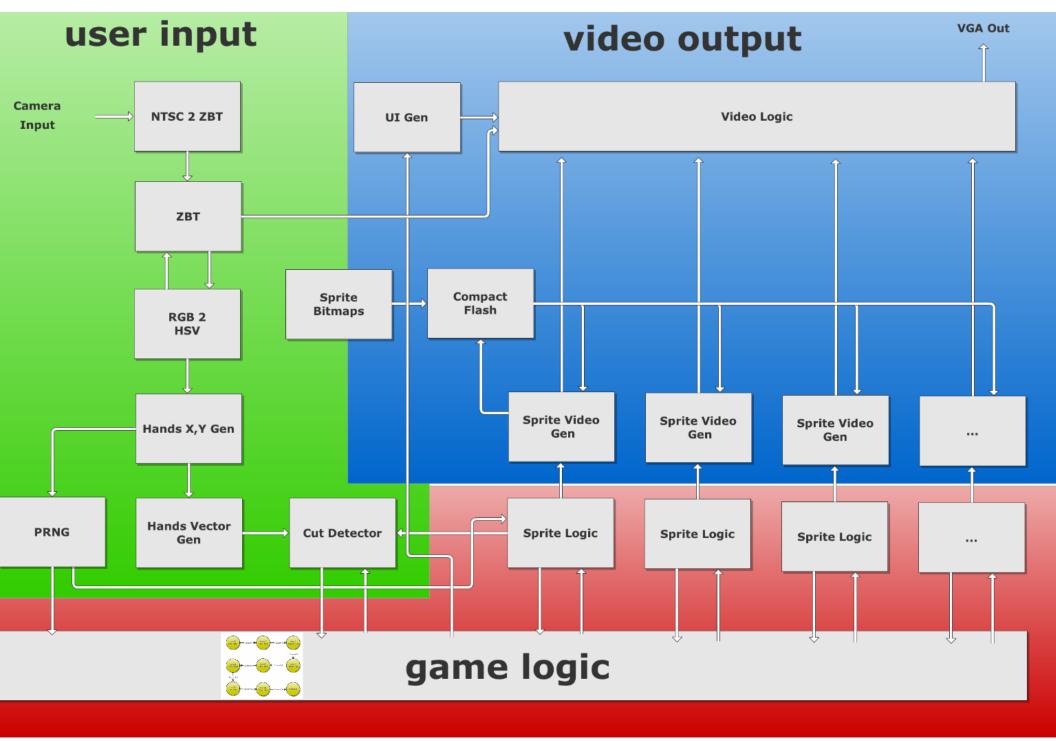




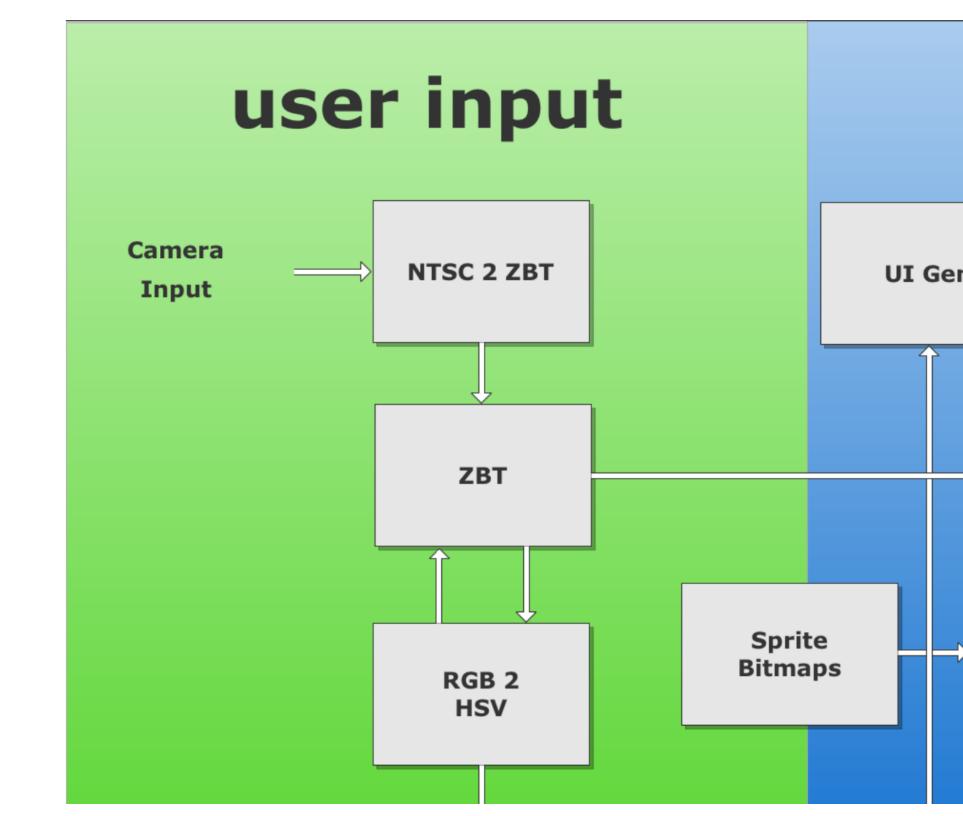
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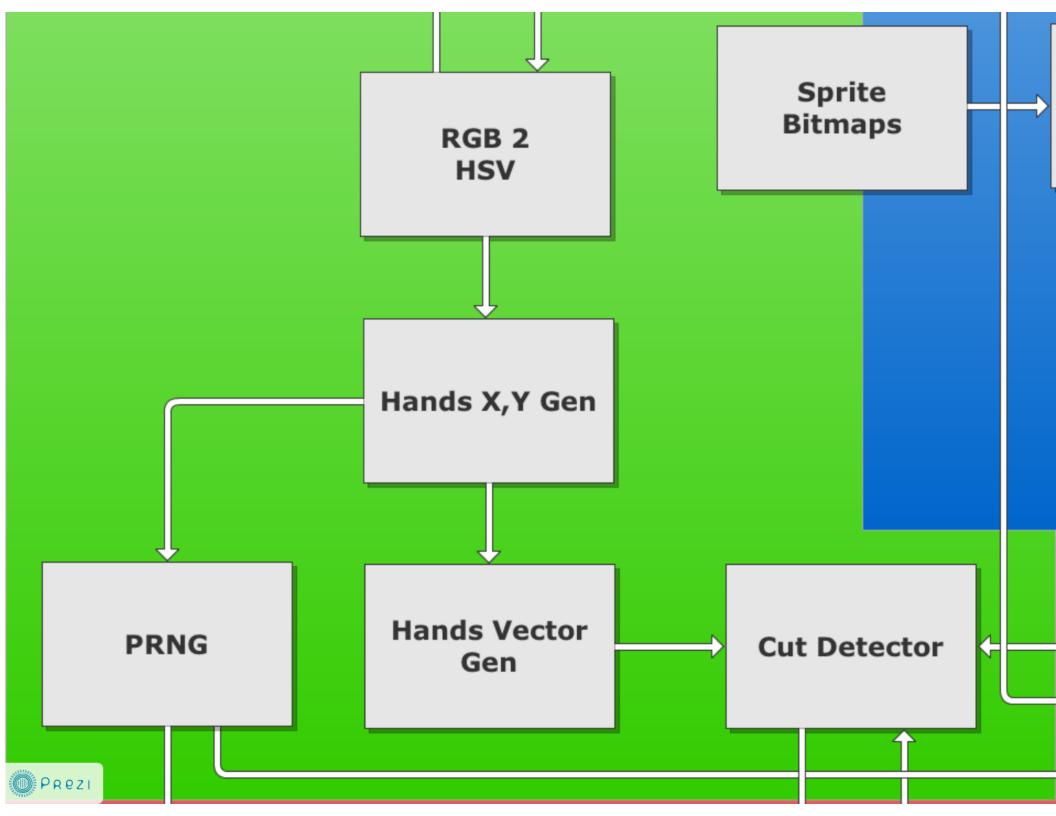


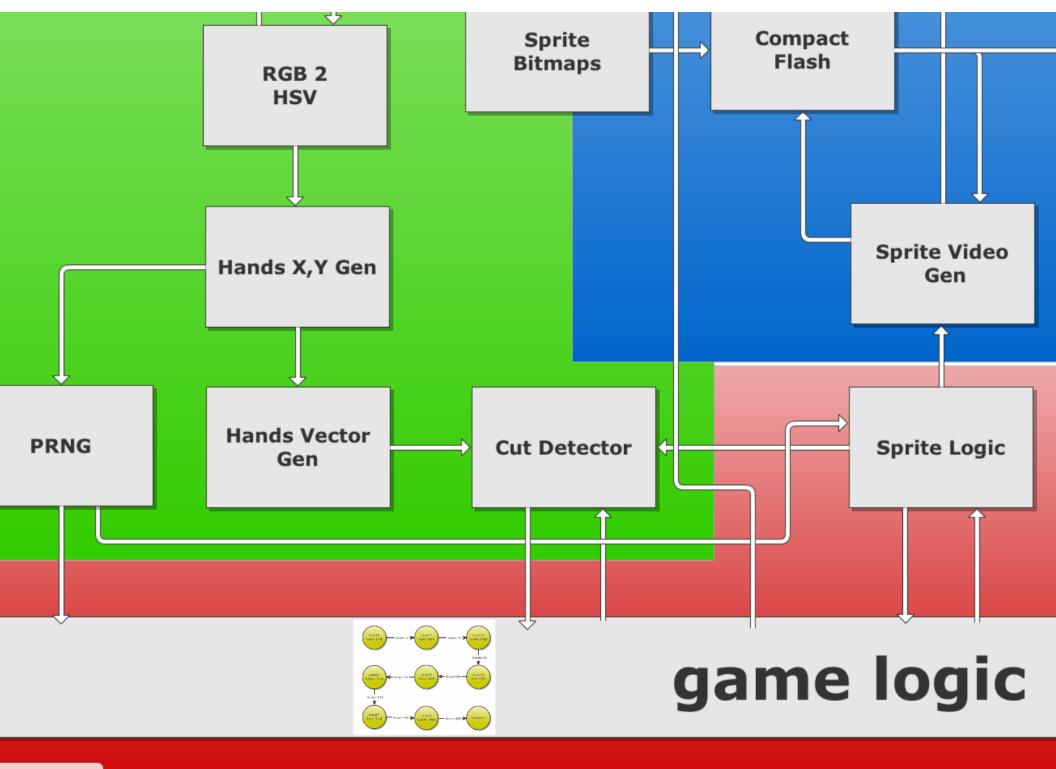


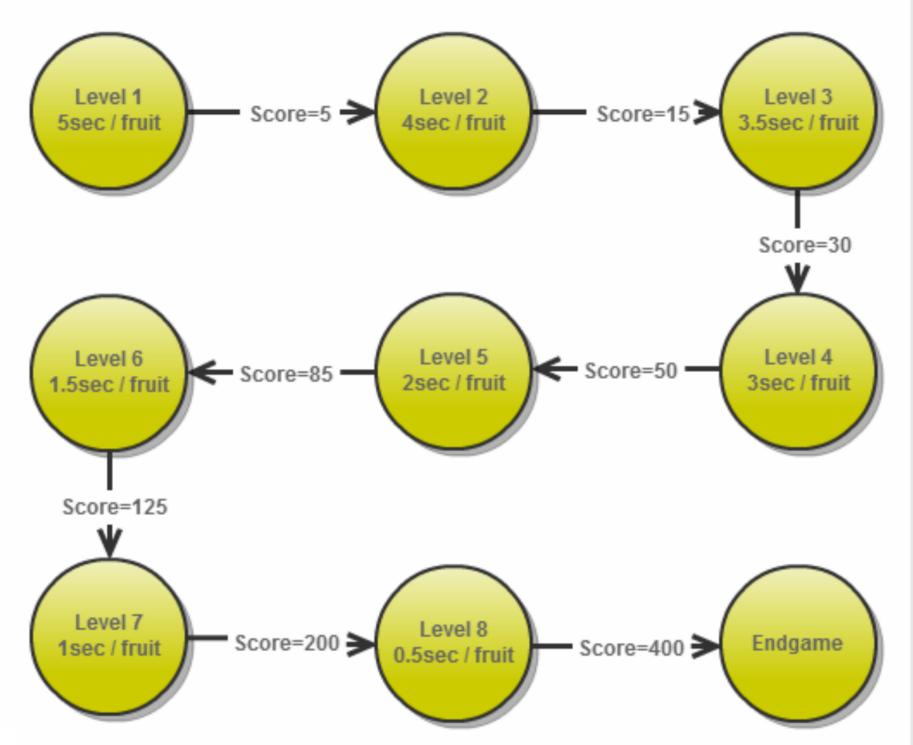




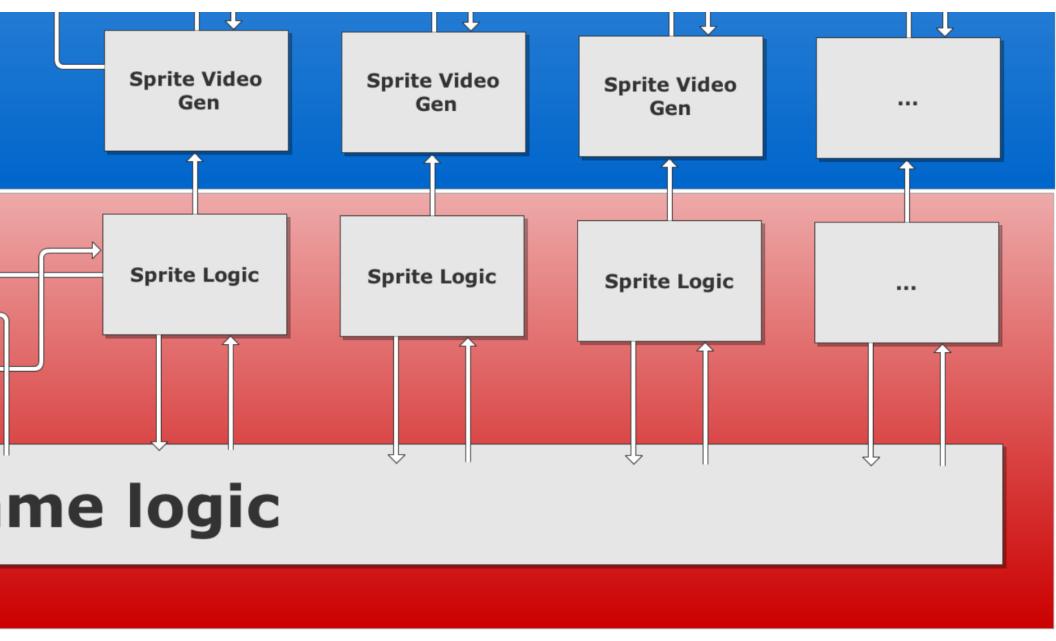




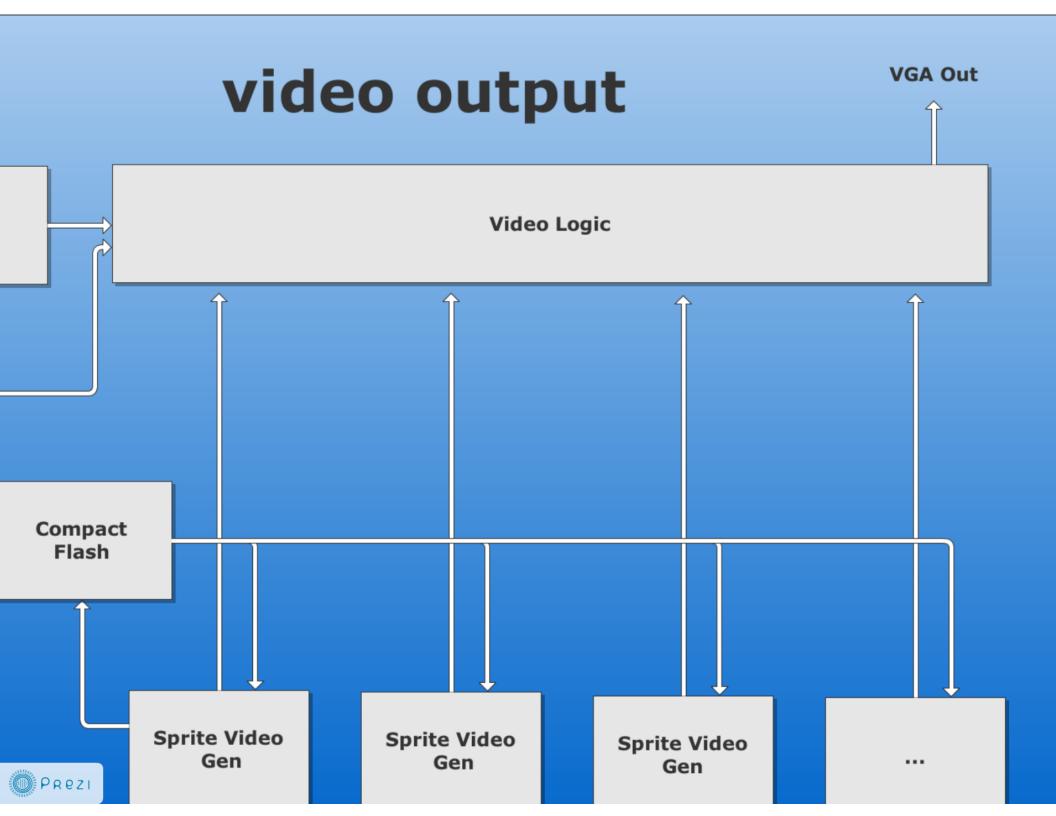


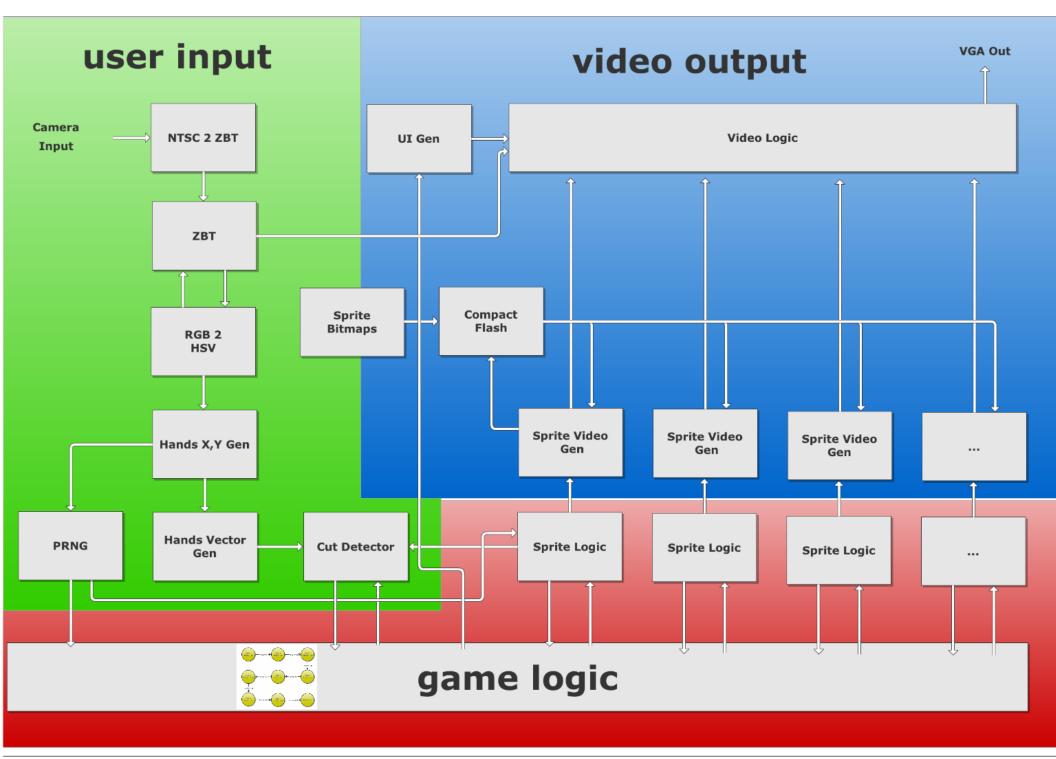








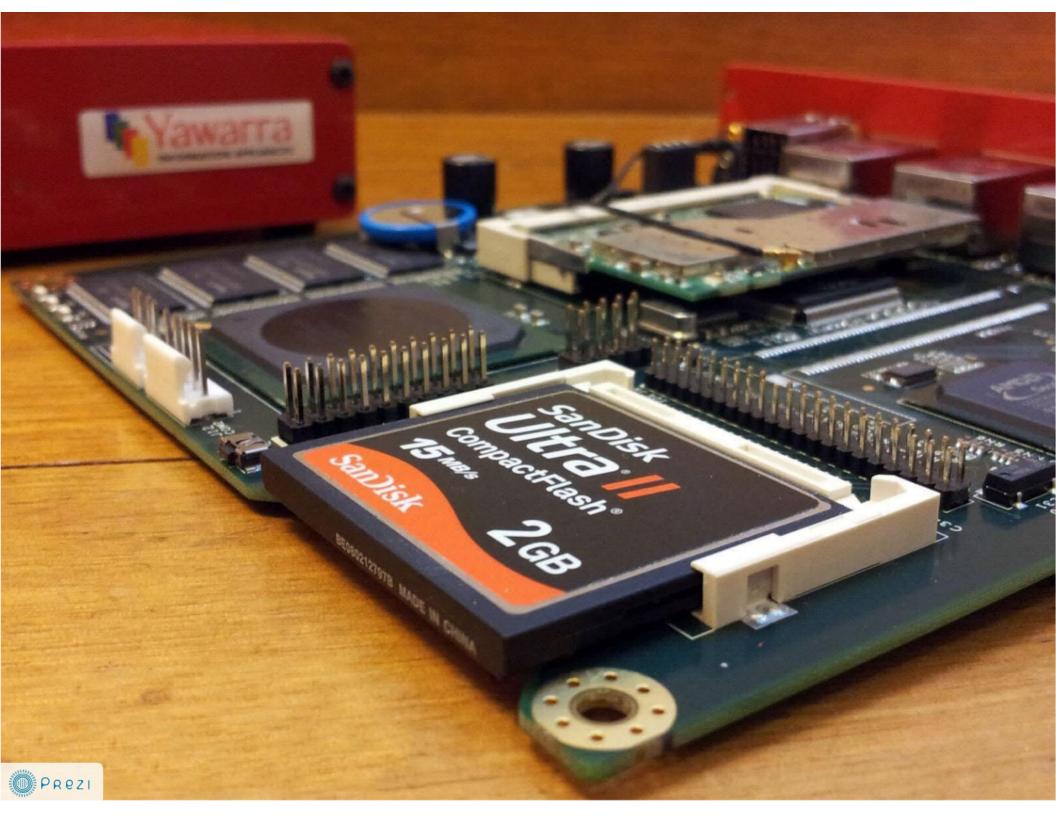


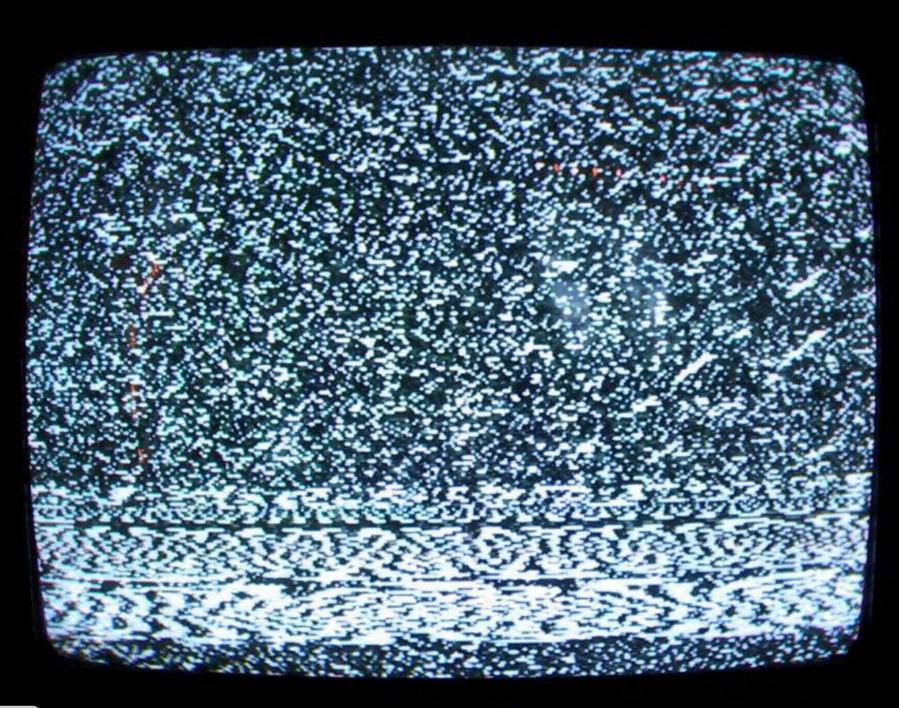




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Wins

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'Game over' screen

"Bombs"



Schedule



Implement game logic blocks

Week of Nov. 12th



Implement user input blocks Implement video output blocks

Week of Nov. 19th



Combine blocks into system

Week of Nov. 26th



Write final report Work on final presentation

Week of Dec. 3rd



Final Presentation!

Week of Dec. 10th





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