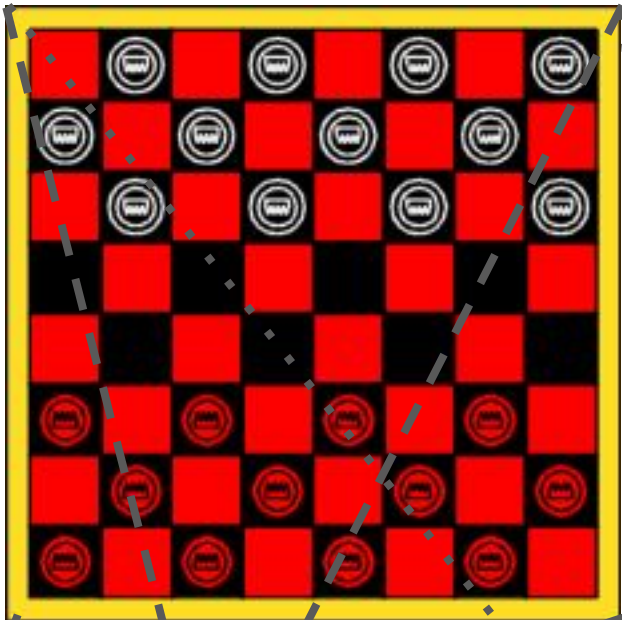
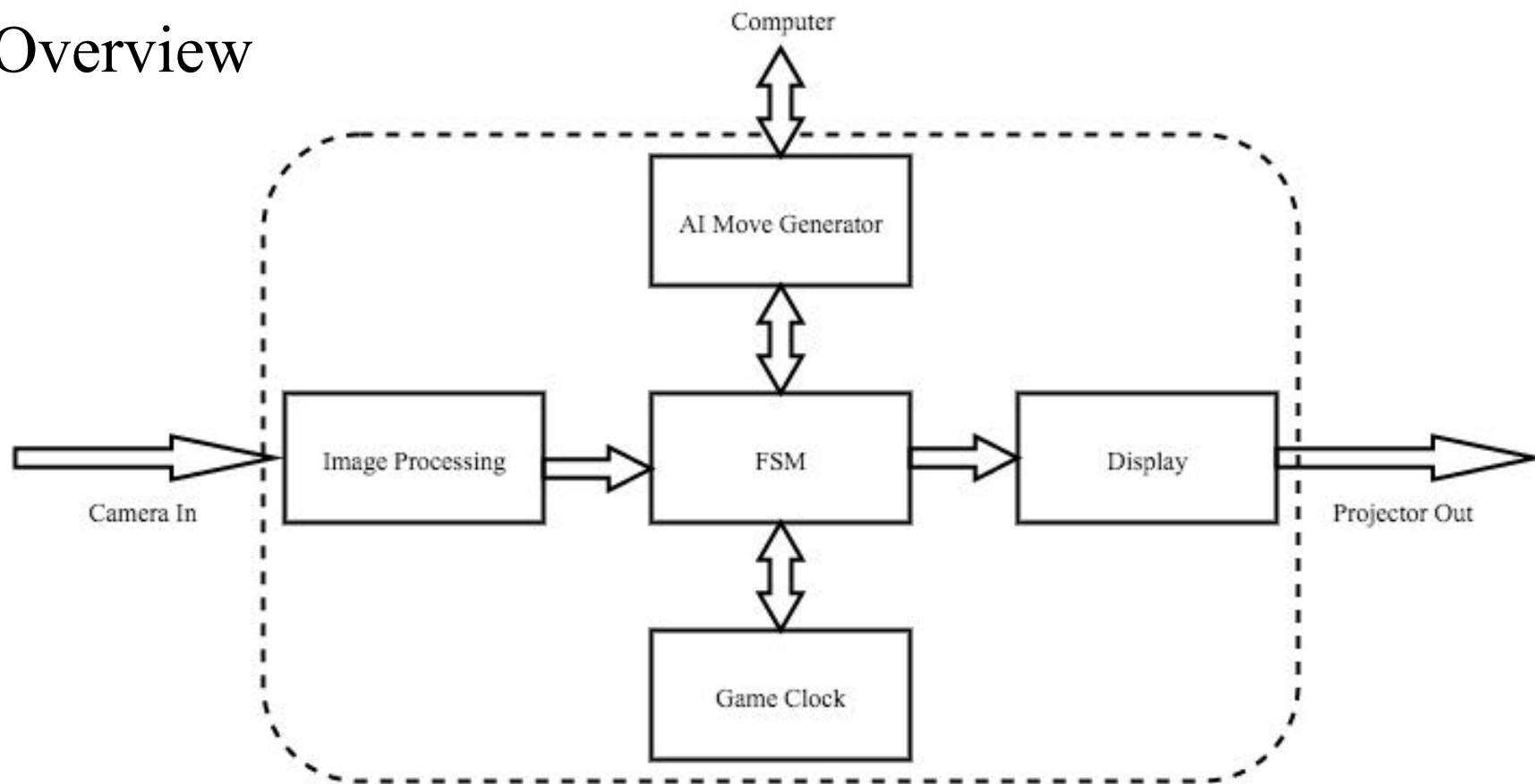


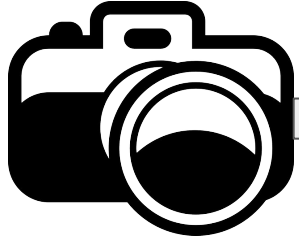
Interactive 1 Player Checkers

Amelia Becker & Harrison Okun
6.111
Fall 2015



Overview





Raw Image

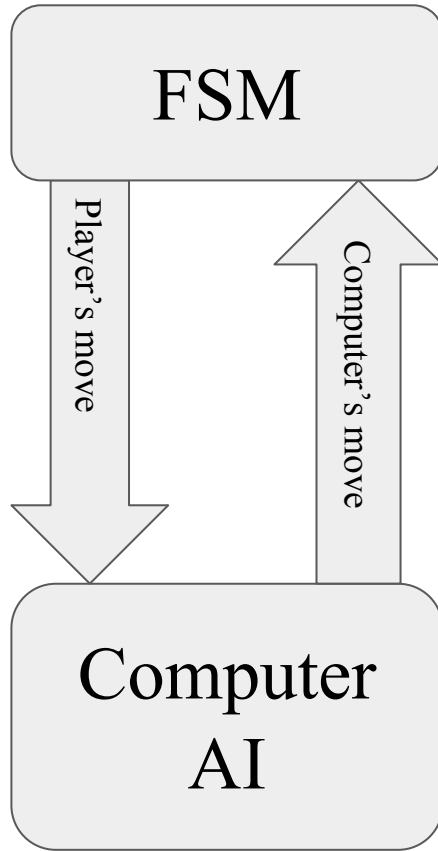
Image
Processing

Board Configuration

FSM

A 7x4 grid representing a board configuration. The grid is numbered 1 through 32 in a row-major order. The grid has a red and black checkerboard pattern. The numbers are placed on the black squares. The grid is enclosed in a yellow border.

	1	2	3	4			
5		6	7	8			
	9		10		11		12
	13		14		15		16
	17		18		19		20
	21		22		23		24
	25		26		27		28
	29		30		31		32



FSM

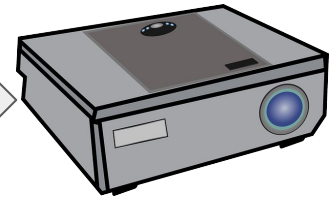
Board Configuration

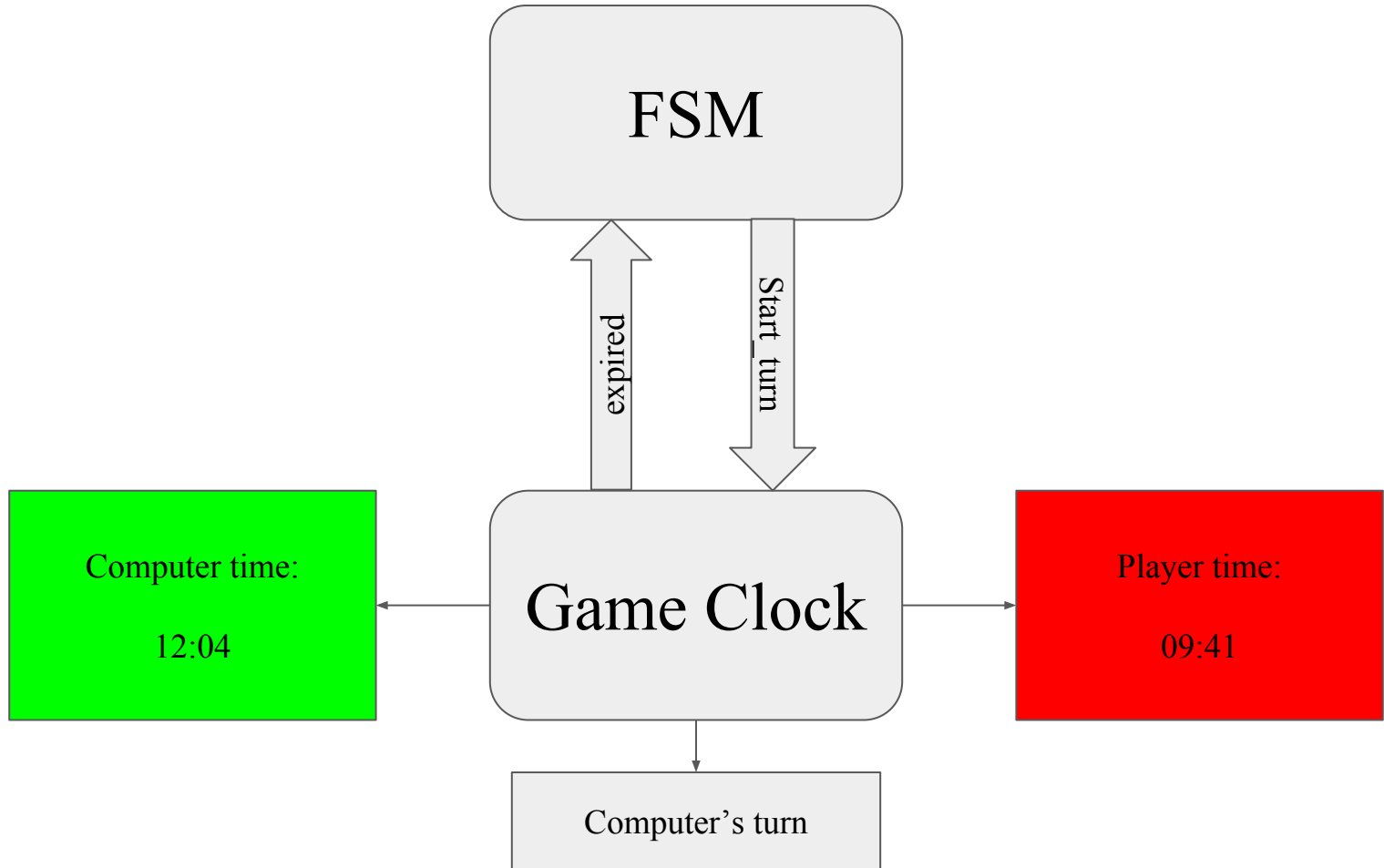
	1	2	3	4
5	6	7	8	
9	10	11	12	
13	14	15	16	
17	18	19	20	
21	22	23	24	
25	26	27	28	
29	30	31	32	

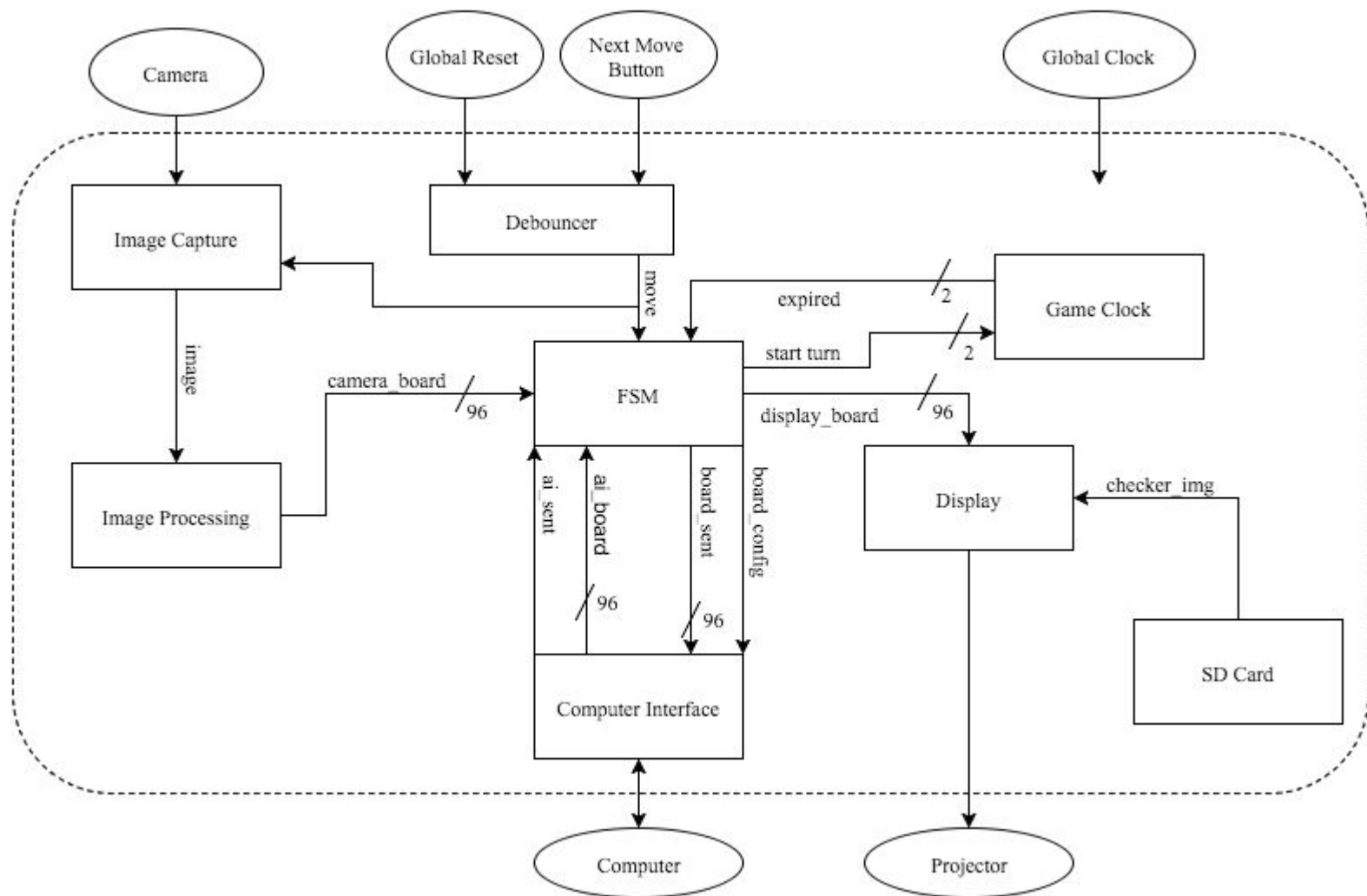
Display



Image

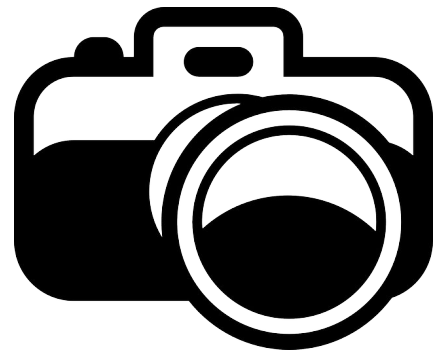
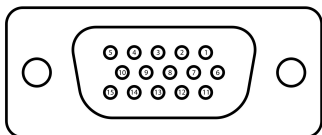
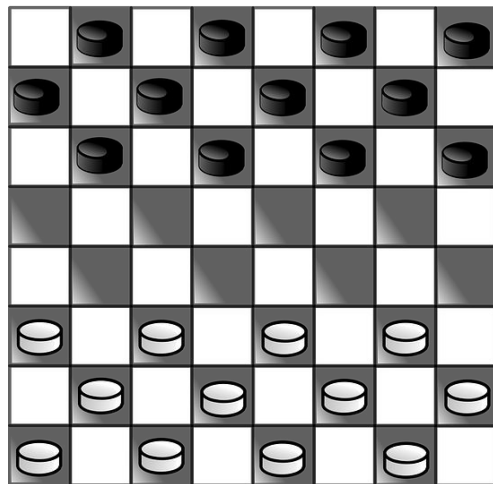
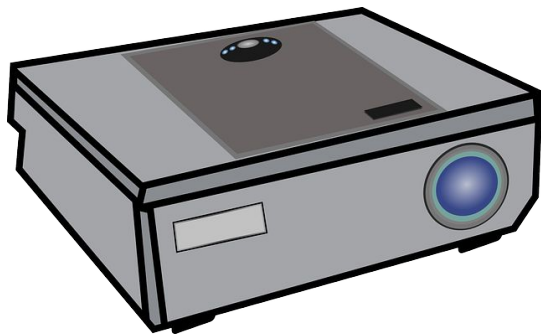






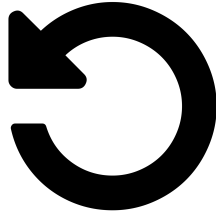
Week	Harrison	Amelia	Both	Deliverables
11/2			Presentation materials, Global modules	Proposal draft (11/3 5PM), Presentation rehearsal (11/5 11AM)
11/9	Computer AI Logic module	Image capture module		Presentation (11/10 2:30-5:00PM), Proposal Revision (11/13 5PM)
11/16	Display logic module, Test: AI module	Image processing module, Test: Image capture module		Checkoff checklist meeting
11/23	Game FSM module, Test: Display logic	Projection and camera setup and calibration, Test: Image processing		
11/30			Full testing, optional developments	Status update with mentor
12/7				Final project checkoff (12/7 4-9PM), Project demos (12/8 6-11PM), Final project report (12/9 5PM)

Resources



Stretch Goals

Undo feature



Next Move button and computer projection



First or Second Move



Questions?