





















Project Assigr	nment 6
 Step 3: Profile the Canny funct obtain relative computa – Expected complexity comparisor 	tions, ational complexity ı (in Canny.txt):
Gaussian_Smooth Gaussian_Kernel BlurX \ BlurY Derivative_X_Y Magnitude_X_Y Non_Max_Supp	% % % % %
Apply_Hysteresis	<u>•••%</u> 100%
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Project Assignment 7						
 Task: Performance measurement on prototyping board – Expected timing measurements (in Canny.txt): 						
Gaussian_Smooth sec Gaussian_Kernel sec BlurX sec \ BlurY sec						
Derivative_X_Y sec Magnitude_X_Y sec						
NON_MAX_Supp secApply_Hysteresis secTOTAL sec						
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Project Assignment 8					
 Task: Pipelining and parallelization of the DUT module – Expected simulated performance values (in Canny.txt): 					
Model	Frame Delay	Throughput	Total		
CannyA8_step	l ms		ms		
CannyA8_step	2 ms		ms		
CannyA8_step	3 ms	FPS	ms		
CannyA8_step	4 ms	FPS	ms		
CannyA8_step	5 ms	FPS	ms		
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