

























Project Assigr	nment	7	
 Step 1: Profile the application components, obtain relative computational complexity – Expected complexity comparison (in Canny.txt): 			
Gaussian_Smooth		•••%	
Receive_Image	•••%		
Gaussian_Kernel	%		
BlurX	%		
\ BlurY	•••%		
Derivative_X_Y		•••%	
Magnitude_X_Y		•••%	
Non_Max_Supp		•••%	
Apply_Hysteresis		% 100%	
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Project Assignment 7			
 Step 2: Instrument the application components, obtain absolute timing on reference platform Expected complexity comparison (also in Canny.txt): 			
Gaussian_Smoothsec% Receive_Imagesec% Gaussian_Kernelsec% BlurXsec%\ BlurYsec%Derivative_X_Ysec%Magnitude_X_Ysec%Non_Max_Suppsec%Apply_Hysteresissec%			
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