

Class Name: PerceptionModule	
Responsibilities: <ul style="list-style-type: none"> main 	Cooperations: Detector Tracker

Class Name: Detector	
Responsibilities: <ul style="list-style-type: none"> Preprocessing Applying SVM Drawing Bounding Box 	Cooperations: SvmTrainer PerceptionModule ReadData

Class Name: Tracker	
Responsibilities: <ul style="list-style-type: none"> Track detected person 	Cooperations: PerceptionModule

Class Name: ReadData	
Responsibilities: <ul style="list-style-type: none"> Store Camera Parameters. 	Cooperations: Detector

Class Name: SVMTrainer	
Responsibilities: <ul style="list-style-type: none"> Tune Training Parameters Apply the selected model 	Cooperations: Detector

Class Name: Point	
Responsibilities: <ul style="list-style-type: none"> Create a template for storing Coordinates 	Cooperations: Detector