

Problem Statement Form

for VIP and Design Class

Date: september 28,2017

Team Name	Team Terminator	
Team Project Title	Board game playing robot	
Team Advisor	Chidi Ekeocha	
Team Assistant	Cory Bethrant	
Team Members	Senior Design Class Students	Maxime Keita Cory Bethrant
	Other Students	William Johnson Christopher Leader Oluwakanyinsola Adebayo Tamarapreye Benni Sudatshan Prajapti
Team Project's Long Term Goal	Chess Playing Robot	
Team Project's 2017-2018 Academic Year Goal	Tic-Tac-Toe Playing Robot	
Problem Statement	Dissatisfied Situations	Itemize: unable to recognize grid unable to save state of board unable to move pieces unable to defeat opponent unable to recognize turn
	Needs from the Situations	Itemize: being able to defeat opponent and move pieces independently using machine learning and openCV
	1-Sentence Problem/Need Statement	A complete sentence: A robot needs to be able to defeat opponent in Tic-Tac-Toe in the physical space