Acknowledgments

Hereby I dedicate my thesis to a great man that I have seen none like him, the one who taught me the meaning of dedication, commitment and sacrifice, my role model that I'll always look up to, to my beloved father, I owe you an eternal gratitude.

To my mother: to immortalize her smiles, tears, kindness and unconditional love.

Many thanks for two great brothers Atheer and Ayad, for that their consultations were always of a great deal of help.

Thanks to my dear friend Ragheed for setting clear path for me to follow and making things easier.

I am so grateful for Ibrahim AKA: bebo, bay_bow, beez, beepzone, darabeez for that he got us rid of the sodium with the new procedure.

Special thanks to Ubisoft®, sony®, Eiichiro Oda, Masashi Kishimoto, mohammed rudha and Ahmed Issam for the great mental support.

Many thanks for the Petra Uni. staff especially: Prof.zuhair Muhi-eldeen, Prof. Tawfiq Arafat, dr.kenza mansoor, dr.nidhal Al-Qinna and Dr.Ghadeer Suaifan for their support and Jordan university staff who helped through the analysis especially: Ayad, Omran And Rula.

Sincere gratitude to Sir Thomas Edison, Robert E. Khan, Vint Cerf, Isidor Rabi, Dr.Ali Al-wardy, Michael Faraday, Nikola Tesla, Larry page and Sergey Brim.