**(Purpose, methods, scope, results, conclusions, and recommendation)**

Recently, a trend to create more computational power has been done by connecting computing platforms into cluster. The initial purpose of this project was to build an ARM cluster single-board computers to make it the fastest, most efficient. Three types of single board computers were tested: Raspberry Pi 2B, PcDuino, and ODROID-XU4. The ODROID0-XU4 was chosen and eight were purchased connected. LINPACK, a software that performs numerical linear algebra, was used for benchmarking. The benchmark was designed to fill as much available memory on the eight devices as possible. The results were compared to other connections: USB and GPIO. Ring and hypercube technology was also compared to the star topology. The purpose of this project has shifted into using the cluster as an education tool. Answering questions such as how computers work and how can we communicate between the computers and benchmark the performance?