**MSDS 7330 Project Proposal**

**Project Title:** An Introduction to Massively Parallel Processing Databases

**Project Team Members:**

* Jayson Barker
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**Project Description:**

The project is framed in the context of educating our peers on the topic of Massively Parallel Processing (MPP) databases. It falls under the context of a wider view into the topics of databases and database capabilities that are currently not presented in the MSDS 7330.

The goal of the project is to provide education to peers on the topic of MPP databases. Peers should come away from the project with an understanding of the following topics:

* What is an MPP Database?
* Why use an MPP Database?
* How does an MPP Database differ from a traditional database?
* Typical MPP Database Architecture
* Constraints of MPP Databases
* Optimization of MPP Databases
* Examples of MPP Databases in Industry

**Project Deliverables**

* A PowerPoint presentation – useful for students to have as a quick reference guide
* A paper – useful for students who want to dive deeper than a presentation
* A video – useful for students who want to obtain additional information