GPGPU PROGRAMMING PROJECT PROPOSAL

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**Algorithm Selected :**

* APRIORI (FREQUENT ITEMSET MINING)

**ALGORITHM BACKGROUND :**

Apriori is a data mining domain algorithm used to extract association rules between items in a transaction . Its counterparts are FP-Growth but selection of this particular algorithm is motivated due to its heavy-time scaled computation

**PROJECT DESCRIPTION :**

In this project we will implement the Apriori Algorithm on parallel domain consideration with the target to be executed on GPU . The implement methodology will be selected and finalized after paper reviews . Along with the implementation comparison of sequential and parallel execution of this implemented algorithm will be our target for project report

Add target conference details

Add list of references on the parallel implementations of the selected algorithms