Title: Dynamic Steiner Tree Problem

Team Number: Team 6

Problem Description: Given a graph with terminals and vertices the steiner problem is to connect all terminals with minimum cost.

The dynamic steiner problem involves changing topology over time. After some terminals or vertices are removed or added calculate the steiner tree of the new graph in minimum time.

Of course the the naïve approach is to completely recalculate the steiner tree from scratch given the new graph.

Sample:

Peer to Peer /ad hoc networks.

Goals: Learn about graphs

Approach/ Tentative approach: Design an unoptimized solution to the dynamic steiner tree problem and then work to optimize it.

Timeline:

Nov 1: