

# COL380 Assignment-1 Task Graph

Name : Ujjwal Mehta | Entry No. : 2020CS10401

## Introduction

In this assignment we are trying to obtain efficient method to find the matrix product of a symmetric sparse matrix with itself using inner and outer operations by introducing parallelism to reduce our runtime and for doing that we follow several approaches. The task graph of the final approach which takes care of parallelizing for loop is shown below:

## Task Graph:

