Design of fly wheel

A flywheel is a rotating mechanical device that is used to store rotational energy. Flywheels have a significant [moment of inertia](http://en.wikipedia.org/wiki/Moment_of_inertia) and thus resist changes in rotational speed. Energy is transferred to a flywheel by applying torque to it, thereby increasing its rotational speed, and hence it stored energy.

In this paper we design the Cad model of fly wheel in solid works premium 2014 and perform the analysis to carries out maximum stress developed in fly wheel by applying different types of forces acting on flywheel and perform the analysis in solid works simulation tool.