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Title of the project: MODEL FOR GENERATING AN EFFICIENT TIME TABLE FOR ANY EDUCATIONAL INSTITUTE BY USE OF GRAPH THEORY.

Please give a 10 line summary of your project.

We have selected a real life problem of preparing an efficient time table. Preparing a time table by considering all sorts of constraints is in itself a big task. We have to consider: 1) Number of professors; 2) Number of subjects that are eligible & required to teach; 3) total no. of lecturer allotted to each subject etc. By efficient time table we mean it is following stipulated lecture schedule it doesn't put an extra burden on any teacher, it minimizes total time span, etc. Due to all these constraints preparing an efficient time table becomes very difficult task, sometimes we are working on solving this problem with the help of 'Graph Theory'. We know that there are some methods to prepare a time table but we are using 'Graph Theory' to achieve our goal which is being done for the first time.