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Professor Gabarro

CS 146 – A

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I pledge my honor I have abided by the Stevens Honor System.

Music Festival Requirements Analysis Document

Description:

On a budget of \$4,000, a music festival has to be organized in the next month and a half. Due to an unfortunate equipment mishap, we need to rent all of the equipment we need for this event, which means, at a minimum, amplifiers, microphones, a mixer, and lights. We need a 5 hour live playlist, consisting of student-run and semi-professional bands. Students and faculty get in for free, and outsiders will have to pay to get in, which should help slightly recoup some of the cost.

Solution:

Of all of our priorities, the two most important are the renting of equipment and having bands to fill out the time. Because of this, the majority of the budget should be spent on those two things. Allocating \$2500 of the budget for equipment should suffice, and we would have to pay musical groups to perform. The first 3 hours of the event can be a student showcase, and the rest should be semi-professional groups. We'll say each group should play a 30 minute set, and pay \$100 for the gig. In three hours, we'd need 6 bands, so \$600 for the students. If we hire two semi-professional, or otherwise local off-campus bands to each perform an hour long set and pay them \$200 for the hour, we've spent \$1000 on musical acts. This, after equipment, leaves \$500 for refreshments, advertisements and other costs for setting up the festival.

Constraints:

If this festival is to start right before finals, we have approximately 6-7 weeks to rent our equipment, line up 6 student bands and 2 professional bands, and to otherwise organize this event. Our budget of \$4000 should be approximately allocated with \$2500 to equipment, \$1000 to bands, and \$500 to refreshments, advertisements, and other costs. This can be adjusted if equipment ends up costing less, or if we need to hire more bands to fill up time.

Success:

Once we have equipment and musicians lined up, we have an event. A successful event would have a large turnout, entertain the crowd with music for the 5 advertised hours, and make for an enjoyable time for students, staff, faculty, and outsiders alike.