**Proposal for Apollo - The Party Application**

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**Proposal Idea**

With the Apollo Party Web Application, there would be less time pulling out hair and stressing out from planning a party and more time to sit back and enjoy a nice organized party. Accessible from any web browser, the application allows a user(host) to sign in and create a party and also invite other users(guests) to that specific party. Others can then sign on and accept the invite. From there they can add what they are bringing to the party and also give music recommendations. All the host has to do is invite the guests and get the ball rolling to have the ultimate party.

**Objectives**

* *Goals:* The goal of this web application is to ensure everyone has a great and stress-less time. When hosting a party, it can be very difficult to make sure everything is organized well and that nothing goes wrong. This stress can cause the host and guests to not have a good time at the party and miss out on a great experience. The web application arranges all the necessary elements of a party and sets up a user friendly system.
* *Functions:* The application has multiple functions. Users can sign-up and make an account. Once an account is made, a host can create a party and invite guests to the party. The party can also be edited so it can show who is bringing what and also display music recommendations made by people attending the party. The users can view parties that they have been invited to and they can also see parties that are public and open to anyone. Parties have a score system where users can upvote or downvote the parties they like or dislike. On the home page, users can also view trending parties that have a high score of upvotes and is still going on.
* *Benefits:* This application enables party-goers to construct a well formulated party so that people know what is being brought and also who is going. It deduces stress onto the host and guests so everyone can appreciate the party.
* *Features:* This application is simple to use and practical because parties have existed since humans discovered fire. The application is as simple as typing in materials to bring or typing in songs. The application can eventually be ad-supported, which can work well because ads can be targeted based on what party materials or songs users search for.

**Web Framework Technologies**

* Java Servlet: Server side (including: JavaScript, jQuery, and Ajax)
* MySQL Database: persistent layer to keep party, users, and unique code records
* HTML/CSS: User interfaces

**Users**

Everyone who enjoys social gatherings and music can use this application. House parties, clubs, bars, and public venues can all use this technology to cater to everyone in the crowd. A mobile app or a texting service for those times without internet access can even be implemented using this technology to expand usability.