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5D Fundamentals Midterm Project

The Problem:
A problem that faces young people in our society today is that it is difficult for a group of people to easily make plans together. Everyone is on their own busy schedules, so coordinating times with several individuals can be confusing and inefficient. In addition to finding a window of time that works for everyone, it is also hard to gauge everyone's preferences. For the sake of this project, I will be focusing specially on the problems that arise when a group of people would like to make plans to go see a movie at a movie theater.

The Solution:
The solution is to develop a product where members of the group can input their individual preferences, availability, and other information into, and be presented with a straightforward way to view potential options that fit everyone's needs. Options will be based on the location of the group members, the overlap in the windows of time where they are free, the movies currently playing in local theaters, the number of members (seat availability at theater), and the preferences of individuals regarding which movies they are willing to watch.

Activity foci:
The focus is on selecting a movie to watch at a theater at a certain time with a group of 2 or more members.

Participant Tasks:
- create an account and add friends
- input timeframe where they are available
- select movies that are currently playing in local theaters (geolocation) that they are willing to watch
  - read movie descriptions and reviews
- decide the final movie showing the group will attend

Brainstorming General Features:
- ability to purchase tickets
- get directions to theater
- ability to message people in group
- manage plans with multiple different groups
- ability to edit submitted preferences
- either voting mechanism for final decision or group leader decides
- after watching movie, ability to review the theater and the movie