Description of project for A325a

# Problem

Recommending concerts for individuals and groups / Recommending at music festivals

# Computer science fields

Algorithms  
Object Oriented Programming  
CART?

# Contextual problems

Clash of interests

# Applying theme and goals of curriculum

Through solving the problem of recommending concerts for individuals and groups by modelling the solution as a program created using OOP programming with applied algorithms … (Testing)  
The program should be able to recommend concerts/food stalls based on the user’s preferences. The recommended concerts could be based on spotify/itunes data. Food could be recommended based on the user’s budget and taste. Furthermore, the program would need some sort of graphic user interface, preferably with a customizable calendar. The program should also be able to recommend concerts based upon a group of user’s preferences.

# Initial problem statement

Which algorithms are best suited for a recommendation program? Based on which parameters should the program suggest concerts/food? How should the program be recommending concerts to a group of people with diverse music taste?

How would you solve recommending for a large group with several interests? <- (Example)