We’ll be using feature driven development : because this particular system has many independent features and it will allow us to show working code faster

Step1

* feature list : :

Prioritized features :

Feature 1 : create a schedule based on the principal’s specification

Feature 2 : take space requests based on user’s specifications and relating them to the available

schedule

Feature 3 : allow the principal to approve requests and resolve scheduling conflicts

Feature 4 : Detect scheduling conflict and inform the principal of these conflicts

Feature 5: allow the principal to edit or delete existing schedule or request

Feature 6: allow the user to edit or delete user request

Feature 7 : log in functionality to allow the system to detect users and the principal

* we’ll be trying to implement the 1st feature since it is essential to the system and most other features need a schedule to be implemented.

Feature completion list for Feature 1:

* the principal can specify available time on the schedule
* the principal can attach available rooms to each time slot
* the principal can specify the available semesters for each room