

How I would go about implementing a waitlist would be to have the cap size be a value in sql. From there every class that gets added has a unique cap size depending on what value you put in from inserting the value. Then every time you call the enroll function you can within python to put a student in the class you can call a function to bring up that class info and grab an integer version of the cap size. From there you can subtract it by one, change it back to a string and then recall the function to re-add the class with an updated class size. I also have to make sure that I delete the class with the old class size so I don't have duplicate classes. If the class size is zero when I try to add a new student into the class I will now change the status from active to waitlist then instead of subtracting to the size I will now add to it to show what number on the waitlist the student is.