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**Applied Programming Concepts** 

## Incremental

1<sup>st</sup> Version – The database of users will consist of 100 students, 10 instructors, and 1 admin. Students and Instructors will be focused on in the first version. Students will be able to register, view available courses and schedule while Instructors will be able to view courses and their own course roster.

 $2^{nd}$  Version – The database of users will still consist of 100 students and 10 instructors, but an admin user will be implemented. The students and instructors actions will remain the same but the admin user will be able to see everything the students and instructors can see while also being able to edit courses, users, and schedules.

 $3^{rd}$  Version – The system so far has only included one semester. In this  $3^{rd}$  version it will include multiple semesters, can print out schedules, and be able to create schedule preferences.

Final Version – The final version will contain any fixes needed from the previous versions while also keeping the same functionality.