**PROPOSAL**

**BeaversFirst – University Management System**

1. Team Members

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2. Team Name - BeaversFirst

3 a) BeaversFirst is a university management system maintained by an institution that provides services to three different types of users namely, administrators, students and instructors. The administrator can control the entire system such as managing student accounts and privileges and also the courses offered for a particular term. The students can view their personal information, courses offered, grades and enroll for courses. The instructors can offer courses and grade students for the courses they offer.

b) University management system, although a well-studied problem, presents interesting challenges from database system design perspective. There are multiple associated views to the same core information with differing levels of privileges. For example, information pertinent to a course is presented differently for a student vs. instructor vs. an admin. We would like to explore different methods to store and retrieve information.

c) This software has drawn inspiration from the CUNYfirst website at City College.

4. Schemas

* Login(id:number, password:string)
* Student(emplid:number,first\_name:string, lastname:string, address:string, email:string, phno:number)
* Courses(courseid:number, dept:string, name:string, instructor:string, term:string)
* Instructors(P\_id:number, firstname:string, lastname:string, department:string, email:string, Phno:string)
* Grades(s\_id:number, c\_id:number, term:string, grade:string)