- Need: A method for easily submitting and collecting programming assignments.
- Purpose: To create a system which allows students in programming classes to submit programming work. Additionally, the TAs must be able to collect assignments. Finally, the instructors need to be capable of managing the course, its sections, TAs, and assignments.
- Client Base: CS Department – faculty, staff, and students

Users: Professor, TA, students

Professor: Grade work, Post assignments, Add/drop student/TAs.

TAs: Grade work.

Students: Submit work, View grades.

Relevant data: Assignments with a grade property, Students database with an Assignments list for each student.

Constraints: Professor can view and edit all properties, TAs can view all properties and can edit grades on Assignments, Students can view only their Assignments and Grades.

Hardware: Web server/site is necessary.