Project Definition:
Computer Science GradeBook
Agenda

- Terminology
- Project Overview
- Environment
- Use Cases
- Functional Requirements
- Non-Functional Requirements
Terminology

• **User** – A student in at least one CS course; using the application to submit work or view grades

• **TA** – Teaching Assistant; generally will be responsible for collecting assignments and entering grades with the application
Project Overview

- Provide a web application to allow students to submit assignments and view their grades via the internet.

- Also allow TAs to collect assignments and keep course grade books online.

- All users will be restricted to their Linux Home Directories.
Environment

• **Hardware:**
  - Users and TAs: Any Computer
  - Server: CS Department Server

• **Operation System:**
  - Users and TAs: Any
  - Server: Linux

• **Network Connection:** LAN

• **Code Standard:** PHP
Use Cases

- Submit from Linux Home Directory
- Submit from local hard drive
- View all previous submissions
- View all grades
- Create Submissions
- View Submissions
- Create Grades
Functional Requirements

- GradeBook Access
- Display User’s Home Directory
- Submit an Assignment
- Upload/Download to or from Home Directory
- Save all Submissions
- Copy Files to a Local Computer
- View Grades
- Enter Grades
Non-Functional Requirements

• Inherent User Interface

• User Restricted to View Only their Home Directory