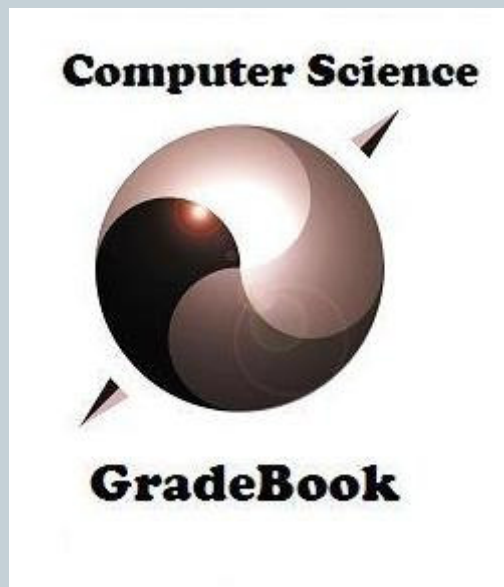# Project Definition:
Computer Science GradeBook

OCTOBER 29, 2009

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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:**
  - <u>Users and TAs</u>: Any Computer
  - <u>Server</u>: CS Department Server

- **Operation System:**
  - <u>Users and TAs</u>: Any
  - <u>Server</u>: 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**