* Introduction
* Current System: The system right now is pretty functional, however, it could use some updates. When the system was created, the program was nowhere near it is now. Now, it has greatly expanded and it needs an update to keep up with new information that needs to be stored.
* Proposed System: One change that needs to happen is that the class should have their respected TAs linked to them. Right now, TAs are not a part of the class.  
  + Overview
  + Functional Requirements - 12
    - A ticket should enable the discount for the student if they have a Berkeley county zipcode
    - System ensures that all required fields must be filled out before a ticket can be issued.
    - A successful purchased ticket sends a confirmation email to the attendee
    - Students should be able to buy tickets through CODEcamp website
    - Manager should be able to add a TA to a class
    - Manager should be able to change class date
    - Manager should be able to add class to calendar
    - Student should be able to apply promotional code when purchasing a ticket
    - Manager should be able to change classroom number
    - Manager should be able to update if teacher needs projector in classroom
    - Manager should be able to refund ticket price in case of wrong ticket issue
    - Manager should be able to change ticket amount for specific student discounts
  + Nonfunctional Requirements - 5
    - The CODEcamp website should 99% of the time be available for students to buy tickets
    - There should be backup contact information displayed when purchasing a ticket in case of purchase failure (may be borderline)
    - Application must be usable on Mac OS X Yosemite, Version 10.10.2
    - Application must be usable on Chrome browser, Version 41.0.2272.118
    - Application must be usable on Safari browser, Version 8.0.3
  + Constraints (“Pseudo Requirements”) – 2
    - Must be done in Salesforce
    - Software must be able to run on Mac OS
  + System Models
  + Scenarios – 10
    - Scenario 1:  
      Alex wants to sign up for a PHP coding class at CODEcamp. She goes to her computer and logs in. She goes to the chscodecamp.com website and clicks “Courses.” She clicks on PHP, and then clicks on register. She fills out the form and clicks submit. On success, she receives a confirmation email that says she is now enrolled in the PHP course.
    - Scenario 2:   
      Alex wants to get 50% her PHP CODEcamp class for being a student. She goes to the chscodecamp.com website and clicks “Courses.” She clicks on PHP, and then clicks on register. She sees the textbox where a promotional code can be enter where she enters CODE50. She fills out the rest of the form and clicks submit. On success, she receives a confirmation email that says she is now enrolled in the PHP course.
    - Scenario 3:   
      Alex wants to get 10% her PHP CODEcamp class for being a student. She goes to the chscodecamp.com website and clicks “Courses.” She clicks on PHP, and then clicks on register. She sees the textbox where a promotional code can be enter where she enters CODE10. She fills out the rest of the form and clicks submit. On success, she receives a confirmation email that says she is now enrolled in the PHP course.
    - Scenario 4:   
      Alex wants to change
    - Scenario 5:
    - Scenario 6:
    - Scenario 7:
    - Scenario 8:
    - Scenario 9:
    - Scenario 10:
  + Use Case Model - 5
    - Name: Buy Ticket with CODE50 Promotional Code
      * Actors (Roles): User
      * Entry Condition: This use case starts when the user wants to buy a ticket for 50% off because she is a student
      * Flow 🡪 make sure call and response
      * Exit Condition: This use case ends when the user successfully buys a ticket for the Web Basics 101 CODEcamp class for 50% off original ticket price
      * Excepts/Constraints:
        + Internet is down, disabling us to order tickets
        + User was unable to get 50% off
    - Name: Buy Ticket with CODE10 Promotional Code
      * Actors (Roles): User
      * Entry Condition: This use case starts when the user wants to buy a ticket for 10% off because she is a CODEcamp alumni
      * Flow
      * Exit Condition: This use case ends when the user successfully buys a ticket for the Web Basics 101 CODEcamp class for 10% off original ticket price
      * Excepts/Constraints
        + Internet is down, disabling us to order tickets
        + User was unable to get 10% off
    - Name: User Buys Ticket
      * Actors (Roles): User
      * Entry Condition: This use case starts when the user wants to buy a ticket for the Web Basics 101 CODEcamp class
      * Flow
      * Exit Condition: This use case ends when the user successfully buys a ticket for the Web Basics 101 CODEcamp class
      * Excepts/Constraints
        + Internet is down, disabling user to order tickets
    - Name: Manager Adds TA
      * Actors (Roles): Manager
      * Entry Condition: This use case starts when the manager wants to add a new TA to the Web Basics 101 class
      * Flow
      * Exit Condition: This use case ends when the manager successfully adds a new TA for the Web Basics 101 class
      * Excepts/Constraints
        + Internet is down, disabling user to order tickets
    - Name: Manager Changes Class Date
      * Actors (Roles): Manager
      * Entry Condition: This use case starts when the manager wants to change the date of the Web Basic 101 class from Tuesday to Friday
      * Flow
      * Exit Condition: This use case ends when the manager has successfully changes the Web Basic 101 class from Tuesday to Friday
      * Excepts/Constraints
        + Internet is down, disabling user to order tickets
  + Object Model
    - Data Dictionary
    - Class Diagrams - 1
  + Dynamic Models - 1
  + User Interface
* Glossary