**Week 2**

Instructor: Between calendar and profile will be a link to classes

* Takes to classes page for instructor
* At top will be a list that show what classes they are teaching
  + Department: cs
  + 3750
  + Days to meet: 9-11
  + Room number: cae 142
* Add and delete link next to it on the right
* At the bottom of the list will be a add class link
  + Let you add a class
    - Drop down: department
      * Cs
      * Music
      * Electrical engineering
      * English
      * Math
    - Enter course number: 3750
    - Course title: software engineering 2
    - Credit hours: 4
    - Capacity of class: 30
    - Days we will meet
    - Start time and end time
    - Submit button
      * Creates a class
* Dynamic homepage
  + Only teach 2 courses, only 2 courses appear
* Profile page
  + Allow user to update all information except username and password
    - First name
    - Last name
    - DOB
    - City state zip
* Calendar
  + Courses will appear on the calendar in the appropriate places with time
  + Ignore holidays
  + <https://stackoverflow.com/questions/26344089/how-to-get-json-object-from-razor-model-object-in-javascript>
* Next to calendar
  + Create link called profile image
  + When click on it, take to profile image page
  + Below profile image
    - A way to upload image
    - Let user browse through computer to select image
    - Submit uploads image to system

Student: between calendar and profile will be a link to registration

**Week 5**

Profile picture needs fixing

Still need to finish adding the assignment

Student Page:

Calendar:

Assignments will appear on the calendar on the day it is due

Assignment name, clickable, take student to assignment submission page

ToDo list:

Anything past due will not appear

Assignments will appear in chronological order

Click on card

Takes to class page

Only assignments will appear here

When they are due

Maximum possible points

Submit button

Take to assignment submission page

At the top will be the name of the class

Assignment submission:

Assignment title, description, maximum points

Text entry assignments will have a big text box for student to type with submit button

File type submission, file browse functionality will appear for submit

Account page:

Pay button or directly provide functionality

Code is copy/paste from stripe

Registration:

Divide into two parts: registered and unregistered

Add department acronym in front of course number

Search functionality for unregistered

Based on department (drop down menu)

Text box that takes keyword that only includes courses with that word

**Week 6:**

Account should not say no classes registered upon full payment

Instructor:

* Submissions button
  + List of student submissions
  + Date submitted
  + Empty space for grade
  + Total points allotted
  + Top or bottom of page
    - Graph to show how students are doing on this assignment
    - Aggregate data
    - Non-Functional: visual key’s
      * Convey message on less than 5 seconds (don’t use green and red [color-blind])
  + Clicking on a submissions will take one to the assignment for grading
    - Submit button – student now graded
* Google charts
  + Similar strategy to calendar
* Host application on cloud Azure
  + Move database
    - Azure cloud – create SQL database – copy data string to appsettings.json
  + Move application
    - Canvas\_like
      * Right click and click publish
      * Make sure appsetting.json file is pointing to the correct place
* Unit test (API calls only for now)
  + Right click on solution
    - Create new project
      * Mstest
        + Canvas\_like\_test

InstructorCanCreateACourseTest()

Known instructor Id

How many courses instructor is teaching n

Exercise code to create a new course for this instructor

Get how many courses instructor is now teaching: n+1

In canvas, there is “help for Unit Testing”

* UI
  + Make it look as professional as possible on all pages

**Week 7**

* Unit tests (total 10 unit tests)
  + Everyone writes two unit tests
    - Instructor can create assignment for course test
    - Student can register for course test
    - Student can submit a text entry assignment test
* Stripe has a built in receipt that we should use
  + Show it on the account page with an option to save it.
* UI improvements