

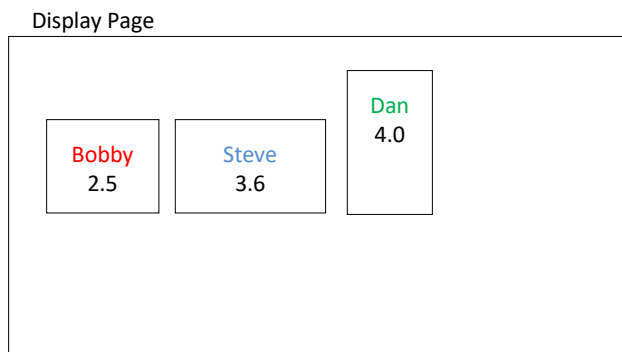
Description

- Database: you should create a database table (called “Student”) to collect information about a series of Students. The minimum attributes for the Students are name, weight, height, hair color, and gpa. In addition, you may add as many other Student attributes as you’d like (Be creative: P).
- Application: Your app should have the following features:
 1. The ability to add new Students (with corresponding attributes).
 2. The ability to change attributes of any of the Students.
 3. The ability to delete any of the Students
 4. The ability to display (draw) all Students currently in the database (including any other information you collect) in the form of rectangles (hint: use a <div> or tag).
For example, if you currently have three Students in your database as follows:

Student Database – Theoretical data only!

	name	weight	height	Hair color	gpa
1	Bobby	150	30	red	2.5
2	Steve	200	30	blue	3.6
3	Dan	120	50	green	4.0

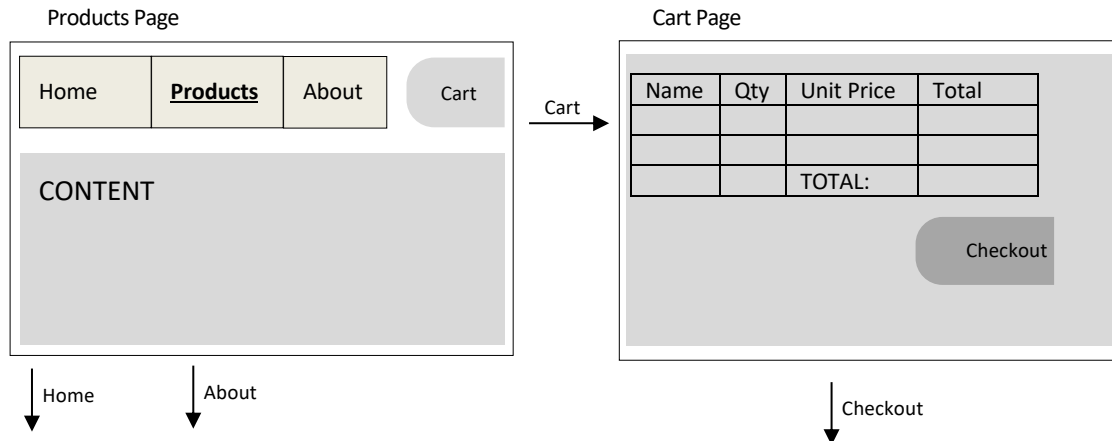
The display page *could* look something like this:



Notice that Bobby and Steve have the same height but Steve is proportionally heavier, Dan weighs less and is taller than both Bobby and Steve.

In addition, you may also add or display any other attributes you wish. Please note that the requirement stated above is a minimum list, you may add to them as you see fit. Also, include a list of features for your web application in a README file (in case they are not immediately evident). Please be creative, part of your grade will be based on effort and creativity.

Begin with a UI mockup of your app. You may use any tool that you desire (including by hand). For this assignment, it may be trivial, but you will have to include this as part of your documentation in subsequent project iterations. The UI mockup should contain your different views (pages) and how they are linked. As a small example, a UI mockup for part of a bakery (buying) website could look like the following:



This is a good logical starting point because it will give you a general picture of attributes that exist in your model so you can limit the number migrations you may have.

Submission

Your webpage must be stored on your heroku webspace. As with all subsequent assignments/project iterations, you should submit the following onto coursys.

1. The URL of your **webapp**, this is where we'll be able to play around with your application
2. Your **git link**, this is where we can view your code, your progress and time of submission

Marking Scheme:

15 marks: ability to add, delete and edit Students. Code should be documented accordingly.

2 marks: The Students should be displayed properly according to the minimum requirements.

3 marks: Creativity, Usability, and added features.