Project out of 200 weighted points  
Presentation out of 50 weighted points  
Entity Relationship Diagram sent to and approved by instructors: 25 weighted points  
Total: /275

You must come up with a real-world business problem to solve.

You can use the technologies of your choosing, although we recommend ASP.NET web application framework. If you want to use something other than ASP.NET, this must be discussed with the instructors.

You must read the following documents:

* Capstone Expectations
* Capstone Checklist
* User Stories Approval Process

**(Required)** As a developer, I want to get my project proposal, which must be in the form of user stories, approved by an instructor, so that I know I have a good project to work on.

**(25 points)** As a database designer, I want to create an entity relationship (ER) diagram to show the relationships amongst my tables in my normalized database and have it approved by an instructor, so that I have proper database architecture.

**(50 points)** As a presenter, I want to have a prepared presentation, so that I can accurately talk about the business problem I solved, technologies used, problem(s) encountered, and solution(s) to these problems.

**(200 points)** As a developer, I want to complete all the features (user stories) that were approved by an instructor during the project approval phase, so that I can having a functionality application.

Trello Link: <https://trello.com/b/8fZKSe5w/adam-m-personal-capstone>

Adam M Capstone User Stories

(X points): As a Customer, I want to be able to create an account to store my “tech inventory”

* Is this unique in any way? If it’s just creating an account, we’ll remove this user story.

(X points): As a Customer, I want to be able to create a personal “Tech Inventory” that acts as

a list of owned technology (junction table)

(X points): As a Customer, I want to be able to create a personal “Tech Help-list” that acts as

a list of in need of repair/assistance technology. Ticket system with ticket model/table)

(X points): As a Customer, I want to be able to edit/delete my inventory via an easy, multi-

choice/click interface.

(X points): As a Customer, I want to be able to see all “Nerds” in a searchable area on a map. “is there a nerd in my area? Blanket/umbrella area coverage”

(X points): As a Customer, I want to be able to leave a rating and review of my “Nerd” after services have been completed.

(X points): As a Customer, I want to be able to contact Neighborhood Nerd from the coverage map via clicking the area and give the customer the option to text or email the Nerd(considering using a modal)

(X points): As a Customer, when I click on the coverage map and then EMAIL I want to be able to contact Neighborhood Nerd via an email API using the SendGrid (a Twilio company) API

(X points): As a Customer, when I click on the coverage map and then TEXT I want to be able to contact Neighborhood Nerd via a SMS API using the Twilio API

(X points): As a Customer, I want to receive a birthday “perk” when my birthday arrives

* Birthday Perk = Free 1st hour of any repair, walkthrough, or troubleshooting session.

(X points): As a Business Owner, I want to be able to view the details of any/all customer

Inventories

Bonus User Stories:

(X points): As a Business Owner, I want to integrate this into www.neighborhoodnerd.biz