Team Nerdvana
Senior Project Proposals

1 ⇒ A **web storefront platform for small businesses** to advertise themselves and
sell products through. We had thought in our particular context bolstering a
local food cart's business by giving them a presence on the web by allowing
the ability to sell their merchandise in a streamlined hassle free manner. An
application could be developed alongside the splash pages and storefront to
allow for online orders to be placed which could be enhanced to satisfy the
algorithmic and API components of the project.

2 ⇒ **Dog/Pet Sitting/Walking App** → pet owners (*clients/customers*) can make profiles
for themselves + their dogs/pets; sitters/walkers (*likely independent
contractors*) can likewise create profiles; online scheduling & payment
options; ability for potential clients and sitters/walkers to register
accounts & email the business. I have existing multi-table relational
database, from another project I worked on -- we'd just need to move it to
MS\SQLServer plus other modifications; I've also written up example use cases
& ideas for implementation. Still thinking about how to incorporate an
external API, and exactly what the algorithmic component would entail.

3 ⇒ **Trading card game image recognition app** → Web application that takes an image
from a trading card game (Magic the Gathering, Pokemon, Yu-Gi-Oh, etc.) and
then displays what the card is and how much the card is worth from various
online retailers like Amazon. Amazon has an API that can be used to get this
information about the price.