REVATRURE DOGS!

By: Angelica Velez, Russell David Gehen, Tod Jones, Abraham Bergerson

**Introduction**

We are going to create a simple game where you can adopt a dog and raise him/her. Watch them grow from a pup into a legendary great wolf perhaps? This game will have features like the ability to train your pet on various tricks. You will need to provide food to sustain your pet. You will have options to purchase treats to improve training efforts. Maybe have a mini obstacle course to be implanted in the future.

**Objectives**

* Create a single-page application using Angular.
  + Client-side validation
  + Error handling on requests to API’s
  + Deployed to Azure App Service
  + Supports deep links
* Implement ASP.NET Core REST service
  + Follow standard HTTP uniform interface except hypermedia
  + Architecture with separation of concerns between domain/business logic, data access and API; repository pattern.
  + Deploy to Azure App Services
  + EF Core
    - DB on cloud
    - DB/Network async
  + Server Side validation
  + Support filtering or pagination on at least one resource
  + Logging
  + Implement hypermedia, or implement an API description language
* Use of Azure Pipelines
  + Unit Tests
  + SonarCloud
* Scrum process
  + Project board to track user stories
  + Stand up meetings 2-3 times per week
* UI model must be as complicated as p1

**Target Customers**

Our Trainers Nick Escalona and Mark Moore

Rated E for Everyone: Our game would be for anybody that loves to play games and loves dogs. It’s a simple game that doesn’t require a lot of time to play, It will be something you can play on a bus ride, or a few minutes before or after class starts.

**Value Proposition**

The value of this project, will give our team experience with tools and techniques used in real world applications and project design. We will get experience with tools that as a group have zero experience in. Will learn the process of Team efforts using technology like SonarCloud and Microsoft Azure for project deployment and publishing. We will learn the value of single-page applications implementing API and Angular techniques and best practices.