# Team Nerdvana Milestone Five ⇒ Team Project ⇒ Petopia! Core Features → Epics → User Stories→ Descriptions → Tasks Refinement going into 1st Sprint

## User Accounts + Site/App Foundational Components/Content:

- 1) Core Feature One ⇒ [CF] As the Owners of the Petopia site/app, we want our visitors to be able to register and create profiles (and Pet Owner Users for their Pets), so that they can participate in the community and arrange for receiving and/or providing pet care services.
  - a) Epic One ⇒ [E] As the Owners of Petopia, we want our visitors to want to, and be easily able to, register as users of/on the site; in the capacity as a Pet Owner, a Pet Care Provider, or both; so that they can arrange for and receive/provide pet care services, and participate in our community. We want our visitors to have easy access to all the information they might need or want, and to make every step of every process as clear, convenient, and fun as possible. This is the critical foundation for user profiles to become a reality -- and that is an essential aspect of Petopia.
    - i) User Story One ⇒ [U] As Owners of Petopia, we want a website application, so that features can be added to it.

**Description:** The site owner wants a modern highly functional web page built in ASP.NET MVC5, upon which all features to come can be built, content added, and styling applied.

The initial project will be just a blank page -- styling, content, and functionality will be added later.

- (1) [T] Create ASP.NET MVC5 web application in Visual Studio
- (2)[T] Get that web app up to our team git repo

- (3) [T] Enable Identity Framework during initial project creation/setup
- (4) [T] Set up/enable continuous deployment, to ease development plus to let the site owners see progress as it happens.
- ii) User Story Two ⇒ [U] As Owners of Petopia, we want our visitors to have an inviting front/home page, so they are enticed to want to learn more about Petopia and how we can benefit them.

**Description:** We want visitors to feel like they want to engage with our site once they arrive, and to feel happy. Since we are targeting pet people, we want to have images of cute pets. We need a nice color scheme with a main color and one or two accent colors. We need a nice font that is readable and nice.

We also want visitors to find some concise but descriptive content that will make them want to learn more and register as users.

- (1)[T] select background (image?)
- (2) [T] select color scheme/color(s)
- (3)[T] select font(s)
- (4)[T] find/select pet images
- iii) User Story Three ⇒ [U] As Owners of Petopia, we want our site to have a consistent and aesthetically pleasing, fun, happy, "light" and contemporary styling and look and feel; so that visitors will feel happy and want to stay longer and look around more.

**Description:** Establishing the CSS styling for the entire site. Consistency in the theme -- and overall attractiveness -- will compel users to want to browse more as they see the cohesion between elements on the page; and are important in establishing the Petopia "brand".

To accomplish this, we will need to decide on a CSS library, BootStrap 4 or something else (If BS4, make sure to upgrade the

package in VS via NuGet).

From there, a color scheme and fonts (type, size, color) should be picked; as well as the orientation of all the key page elements... so essentially setting up templates for our main and essential page types, via CSS classes.

- (1)[T] Choose what version of bootstrap to use --- make sure
   it's set up in VS
- (2) [T] Determine a pleasing color scheme and implement it -set up css classes that can be applied across pages of the site
- (3) [T] Decide on a nice font -- set this up in css classes also
- (4) [T] Find collection of pet photos that we can use, that are free use
- (5)[T] Decide on the orientation of elements for all general
   pages
- (6) [T] Set up initial/core nav bar
- (7) [T] Set up footer
- iv) User Story Four ⇒ [U] As Owners of Petopia, we want visitors who have been enticed by our front/home page, to have an informative "About Petopia" page, where they can learn, in a fun way, more about what we do and how we can benefit them.

**Description:** Visitors to the site can click to this page to get a more in-depth description of what Petopia is and what we do --beyond the basic intro/welcome on the front/splash page. We want to describe to them how they will benefit from registering with us, whether they are a Pet Owner, a Pet Care Provider, or both.

They can also learn a little about the people behind Petopia, who put it all together.

We want this page to have a concise yet complete, engaging, fun

narrative with bullet-points of what users can expect from Petopia; and of course to be styled consistently and include appealing pet images.

It should be easily accessible from the nav bar.

- (1) [T] Compose nice description of what Petopia is and what it does -- the services provided
- (2) [T] Compose narrative about Petopia's benefits to Pet Owners
- (3) [T] Compose narrative about Petopia's benefits to Pet Care Providers
- (4)[T] Find/select some cute/nice pet imagery that visitors
   will enjoy
- (5) [T] Compose a brief description of the creators of Petopia
- (6) [T] Apply styling to this page via our CSS classes so that it is consistent with the main styling
- (7) [T] Add link to this page to the navbar
- v) User Story Five ⇒ [U] As Owners of Petopia, we want visitors and registered users alike to have a "Contact Petopia" page; where they can ask us any questions they may have about our services, or contact us about possible technical issues they experienced.

**Description:** We want a way for anyone using the site to be able to contact us, for three primary reasons:

- a) To be able to ask further details about our services and how things work, and get assistance if necessary;
- **b)** To be able to report non-technical issues, such as between Pet Owners and Pet Care Providers, or on the social side of our app;
- c) To be able to report bugs or technical issues with the site so we can let our developers know and they can expedite a fix.

The contact page should be easily accessible from the navbar, and of course be styled consistently with the rest of the site, using established CSS classes, and including appealing images.

- (1) [T] Compose content necessary for contacting site owners about Petopia services, etc.
- (2) [T] Compose content necessary for contacting site developers about technical issues
- (3) [T] Apply consistent styling to the site
- (4) [T] Add link to this page to the navbar
- vi) User Story Six ⇒ [U] As Owners of Petopia, we want our visitors
  to be able to register an account, and then to be able to login
  to that account; so that they can take advantage of all the
  features and services we have.

**Description:** The core functionality of the Petopia site/app is only of use to registered users. To accomplish this, visitors to our site -- having been enticed by our descriptions of the app -- need a mechanism to register for and then log into a unique User account.

We want the register and login links to be on the right-hand side of the navbar, and also to have buttons for each prominently featured on our front/home page.

Certain features of the site are dependent on what role you've registered as -- Pet Owner, or Pet Care Provider. By default, a User account will not be associated with a particular role -- the option to select one or both roles will be available at registration, or Users can choose to do this at a later date.

(1) [T] Copy the SQL schema from an existing ASP.NET Identity database, into `up.sql` in our project

- (2) [T] Configure the web application to use the database with the identity tables in it
- (3) [T] Enable the login/register buttons
- (4) [T] Place buttons on the navbar
- (5)[T] Place buttons on the front/home page
- (6) [T] Style the login/register buttons
- (7) [T] Manually test login, users should clearly see if/that they are logged in with a greeting in the navbar where the register/login links/buttons were before
- (8) [T] there should be a log-out button/link for logged-in users
- (9)[T] Create a 'user' table customize to display additional
   data
- (10) [T] On the "registration confirmation" page, include link(s) for the user to designate their status
- vii) User Story Seven ⇒ [U] As Owners of Petopia, we want our
  visitors to have a nice-looking and easy-to-use registration
  page, so that they view using Petopia as a good and happy
  experience.

**Description:** Once we have set up the ability to register as a user on our site, we want to have a nice-looking page to direct our Users-to-Be to register on.

This should not be difficult, but it <u>is</u> important; and will require styling the default pages generated by Identity Framework, applying our consistent/branded styling that we established in an earlier user story to the page.

(1) [T] Style the registration page with established CSS classes so that it fits in with the look and feel of the site

- (2) [T] Make sure labels and input boxes are the right size and alignment
- (3) [T] Compose a brief and friendly welcome message
- (4) [T] Style the "register" button to go with our theme/look
- viii) User Story Eight ⇒ [U] As Owners of Petopia, we want our visitors to not be aggravated by the registration process, so we want the password creation rules to be clearly stated on the registration page.

**Description:** Because of the nature of the website, interactions with users are very personal. This means that their passwords should be secure so that it's harder for the user accounts to be compromised. The downside to good passwords is that there needs to be a lot of rules for them -- and that can frustrate users if they are just left to guess what those rules might be.

By adding the required rules for the password on the register page, users will know the exact requirements for creating their password before they start. For ease of reading, the rules should be in bullet-point format.

- (1) [T] Go into identity framework and see the password rules it sets up by default, changing them if necessary
- (2) [T] Put these rules onto the registration page
- (3) [T] State, format and style the rules to look nice on the page -- use bullet-points
- ix) User Story Nine ⇒ [U] As Owners of Petopia, we want only human
  users -- no robots, to greatly reduce the incidents of annoying
  spamming and possibly disturbing imagery getting onto our site and
  turning off our real users.

**Description:** The site owners and administrators/developers do not want robots registering with the site -- and are sure their users

will appreciate this also.

Robots mean spam generated on the site, plus possibly unwanted and inappropriate images; and that does not foster the community that we are striving to develop.

In order to accomplish this, we need to implement Captcha, or a similar service into the registration process.

- (1)[T] decide on a verification system to use, and determine
   it's correct use
- (2)[T] implement that on our registration page
- (3) [T] work it into the layout/styling so it looks good
- x) User Story Ten ⇒ [U] As Owners of Petopia, we want visitors to be able to simply register as a user; they can choose to designate themselves as a Pet Owner or Pet Care Provider at the time of registration, or do that at a later time.

**Description:** We know that sometimes, our newly-registering users may not have the time -- or the inclination yet -- to fill out all of their information necessary for using the features of our site or making their profile page, right at the time they register.

We want registration to be as quick, easy, and painless as possible… so we want registering users to have the option to do this part now, or later.

However, users should be nicely informed that they will be unable to arrange for or provide pet care services until they designate which type(s) of user they are and fill out their profile information. Plus reminded of this on subsequent logins, until they have taken care of it.

(1) [T] On the user registration confirmation page, create a way for the user to designate their status now, or to opt to do this later

- (2)[T] Determine the best way to remind users who opted for
   "later" to see a reminder subsequent times they log in,
   until they take care of this [=
- (3) [T] Implement that ^^^
- xi) User Story Eleven ⇒ [U] As Owners of Petopia, once our users have successfully registered, we want to redirect them to a nice-looking and friendly registration confirmation page, so they will know it was successful, and can have the option to set their designation now or later.

**Description:** As mentioned before, we just want users to do a basic registration, and take care of other details in a "next step".

We want this confirmation page to look nice and be consistent in styling with the look and feel of the rest of our site, with friendly words and images. This won't be difficult, but it <u>is</u> important to change this from the default page.

From this page, the newly-registered user can opt to set their designation and fill in their information now -- in which case they will be re-directed to the appropriate page with the necessary form... or they can opt to take care of that later, in which case they will be re-directed to the home/front page.

- (1) [T] Apply consistent styling to the page from our CSS classes
- (2) [T] Include links to "designate" or to "do this later", with the appropriate re-directs based on what's clicked
- (3) [T] Compose and style some concise but friendly content that lets the newly-registered user know what's going on
- xii) User Story Twelve ⇒ [U] As Owners of Petopia, we will need two
  databases:
  - a) our user database, containing only each user's login and

password information; and

b) our Petopia database, containing all pertinent information about our users that goes with their user designation (Pet Owner and/or Pet Care Provider).

**Description:** Since we want users to be able to simply register without doing everything right up front if they don't want to or don't have the time to -- and for other practical reasons of course; it would be best if these two databases are separate.

The user database will be set up when the register/login feature is enabled. It and it's tables will be generated by Identity Framework and modified as necessary to suit our needs.

The **Petopia database** can be set up initially as an empty database, with the appropriate and necessary tables to be added/implemented as the features which require them are added/implemented.

- (1) [T] Create a Petopia database, in MSSQLServer, into which tables can be added and populated later -- but we need the core database
- (2) [T] Set up this database locally
- (3) [T] Set up the database in Azure with everything it needs, all the details and stuff -- document settings
- xiii) User Story Thirteen ⇒ [U] As Owners of Petopia, whenever a
   registered user opts to designate themselves as a Pet Owner, Pet
   Care Provider, or both; we want them to be directed to the
   corresponding form to fill out -- since the two user types will
   be asked to provide different information about themselves.

**Description:** Petopia interacts with two types of users: the Pet Owner, and the Pet Care Provider -- and the same user may be both of those things: a consumer and a provider of pet care services. After all, who better to provide pet care, than someone who owns and loves pets themselves?

However, each type of user needs to provide differing information about themselves -- some of which will be public-facing on their profile page(s), and some of which will be private between Petopia and the user.

If a user wants to be both things, they will need to fill out both forms and will then have two distinct profile pages; but first this information will go into the appropriate Petopia database table.

Whenever the user makes their selection(s) -- whether at registration or a later date -- they will then be directed to the appropriate form(s) to fill out.

After that, they will be directed to their profile pages which they will be able to customize -- again, either at that time or sometime later of their choosing.

- (1) [T] If the user wants to set their designation and fill in their information right after registration, then direct them to the appropriate page where the form to fill out will soon be
- (2) [T] If the user opts to set their designation and provide their information later, from the reminder which appears on their subsequent logins, have a link for them to go to the page where they make their selection
- (3) [T] From that page, once the selection is made, they will go to the page where the corresponding form is (or will be)
- (4)[T] Make that page look nice and fit in with our look/styling
- (5) [T] Set up a super-basic Pet Owner Table in the Petopia database... just have like name fields for now, so that we have the basic form pages set up -- the rest can be put in later with `alter table` statements (styling of this page will come later!)

- (6) [T] Set up a super-basic Pet Care Provider Table in the Petopia database... just have like name fields for now, so that we have the basic form pages set up -- the rest can be put in later with `alter table` statements (styling of this page will come later!)
- xiv) User Story Fourteen ⇒ [U] As Owners of Petopia, we want our registered users to have a pleasant login experience and aesthetically pleasing login page to use, so they enjoy using our site and do not have their aesthetic sensibilities offended.

**Description:** We want a nice-looking login page, that is consistent with the look and feel of the rest of the site for our users to log in at. We want them to feel happy to be back.

This is not difficult, but <u>is</u> important; and requires styling the default page generated by Identity Framework with our own custom styling template/rules/classes.

- (1) [T] Style the login page with established CSS classes so that it fits in with the look and feel of the site
- (2) [T] Make sure labels and input boxes are the right size and alignment
- (3)[T] Compose a brief and friendly "welcome back!" message
- (4) [T] Include links for if the user forgets their login information so they can recover it
- (5) [T] Once the user logs in, they should be re-directed to the home/front page for now (later to their profile page)
- xv) User Story Fifteen ⇒ [U] As Owners of Petopia, we want visitors
  and users who get lost on our site to be met with a fun, cute,
  non-annoying custom 404 page; so that they are at least amused by
  their brief detour.

**Description:** The site owners know that occasionally a user may

end up at the wrong page, through a malformed link or something.

When this happens, they want visitors to be pleasantly surprised by not finding your standard 404 page, but something cute, fun, funny, and hopefully memorable.

So a "theme" for our 404 page needs to be determined and implemented. It is okay if this page is styled somewhat differently from the "main" aka functional pages, but you should still be able to tell that you're somewhere in Petopia's domain.

- (1) [T] Determine the look/feel/theme for the 404 page
- (2) [T] Compose the (brief and hopefully amusing) content
- (3) [T] Include a nice pet photo or illustration
- (4) [T] Set up whatever routing or whatever needs to happen, to make this work
- xvi) User Story Sixteen ⇒ [U] As Owners of Petopia, we want to see a
  nice layout/template prototype for what Pet Owner Profile Pages
  will look like, so that we can have a good idea of what our
  users will get when they register as a Pet Owner.

**Description:** Before "going live" and inviting people to register and become logged-in users of Petopia, the site owners justifiably want to see a basic design/layout for how profile pages will look.

This can be accomplished using placeholder images and text, setting up all the sections of the profile page. The text can describe what will be going in that spot, once forthcoming features are up and running.

This will take some planning and a little bit of trial and error so far as getting the look and feel just right -- also applying consistent styling from our established CSS classes/templates.

Note that Pet Owners and Pet Care Providers will necessarily

have different information on their profile pages.....
obviously, some things will be the same, but some will be quite
different -- so it is best if we treat the profiles as separate
entities.

- (1) [T] For now, there are no "live" profile pages; so set up a blank page on which all the various elements can be arranged and accounted for, for the Pet Owner profile page.
- (2) [T] Set up styling to be consistent with the look and feel of the site using existing CSS classes
- (3) [T] Create new CSS classes as necessary to style the elements that are new and unique to the Pet Owner Profile page
- xvii) User Story Seventeen ⇒ [U] As Owners of Petopia, we want to see
  a nice layout/template prototype for what Pet Care Provider
  Profile Pages will look like, so that we can have a good idea of
  what our users will get when they register as a Pet Care
  Provider.

**Description:** Before "going live" and inviting people to register and become logged-in users of Petopia, the site owners justifiably want to see a basic design/layout for how profile pages will look.

This can be accomplished using placeholder images and text, setting up all the sections of the profile page. The text can describe what will be going in that spot, once forthcoming features are up and running.

This will take some planning and a little bit of trial and error so far as getting the look and feel just right -- also applying consistent styling from our established CSS classes/templates.

Note that Pet Owners and Pet Care Providers will necessarily have different information on their profile pages..... obviously, some items will be the same, but some items will be

very different -- so it is best if we treat the profiles as distinct entities.

- (1) [T] For now, there are no "live" profile pages; so set up a blank page on which all the various elements can be arranged and accounted for, for the Pet Care Provider profile page
- (2) [T] Set up styling to be consistent with the look and feel of the site using existing CSS classes
- (3) [T] Create new CSS classes as necessary to style the elements that are new and unique to the Pet Care Provider Profile page
- xviii) User Story Eighteen ⇒ [U] As Owners of Petopia, we want to see a
   nice layout/template prototype for what Pet Profile Pages will
   look like, so that we can have a good idea of what our users
   will get when they register as a Pet Care Provider.

**Description:** Before "going live" and inviting people to register and become logged-in users of Petopia, the site owners justifiably want to see a basic design/layout for how profile pages will look.

This can be accomplished using placeholder images and text, setting up all the sections of the profile page. The text can describe what will be going in that spot, once forthcoming features are up and running.

This will take some planning and a little bit of trial and error so far as getting the look and feel just right -- also applying consistent styling from our established CSS classes/templates.

Of course, Pet Profile Pages will only be available to/accessible to that Pet's owner to set up... they will be viewable by any registered user however.

- (1) [T] For now, there are no "live" profile pages; so set up a blank page on which all the various elements can be arranged and accounted for, for the Pet Profile page
- (2) [T] Set up styling to be consistent with the look and feel of the site using existing CSS classes
- (3) [T] Create new CSS classes as necessary to style the elements that are new and unique to the Pet Profile page

# Profile Creation, Editing, and Customization:

- 2) Core Feature Two ⇒ [CF] As the Owners of the Petopia site/app, we want our registered users to be able to create, edit, and customize their profiles (and Pet Owner Users for their Pets), so that they can participate in the community and arrange for receiving and/or providing pet care services.
  - a) Epic One ⇒ [E] As a Pet Owner, I want to be able to make a profile for myself on the Petopia site/app, so that I can partake of the various features.
  - i) User Story One ⇒ [U] As a Pet Owner, I want to be able to create a profile for myself, so that Pet Care Providers can find my information when I contract for services from them.

- (1) [T] task one
- (2) [T] do some shit
- (3) [T] we gotta do this too
- ii) User Story Two ⇒ [U] As a Pet Owner, I want to have a personalized profile to introduce myself to other Pet Owners, to participate in the social aspects of Petopia.

- (1) [T] task one
- (2) [T] do some shit
- (3) [T] we gotta do this too

iii) User Story Three ⇒ [U] As a Pet Owner, I want to be able to have a small icon attached to my profile so that providers know the types of animals I own at a glance.

- (1) [T] another task
- (2) [T] remember to make these really "granular"
- (3) [T] and one more... however many is appropriate for each user story (i wanted to make one drop to a 2nd line)
- iv) User Story Four ⇒ [U] As a Pet Owner, I want to be able to add a small description to my profile so that I can tell the world random miscellaneous things hopefully amusing about myself.

- (1) [T] task, task, task your story
- (2) [T] gently down the stream!
- (3) [T] in an inner-tube
- v) User Story Four ⇒ [U] As a Pet Owner, I want to be able to add a picture to my profile so that people know who I am / show off a picture that I like!

(1) [T] task, task, task your story

- (2)[T] gently down the stream!
- (3) [T] in an inner-tube
- vi) User Story Five ⇒ [U] As a Pet Owner, I want to be able to edit/update my profile whenever I'd like, to add new information, photos, anecdotes, etc.

- (1) [T] task, task, task your story
- (2) [T] gently down the stream!
- (3) [T] in an inner-tube
- b) Epic Two ⇒ [E] As a Pet Owner, I want to be able to make a profile for each of my Pets on Petopia, linked to my profile, so that I can arrange for care/services for them, and the Pet Care Providers can know about my pets.
  - i) User Story One ⇒ [U] As a Pet Owner, I want to be able to provide details about each of my Pet(s), so that I can arrange for care and services for them -- to be able to access the site/app's calendar/schedule system.

- (1)[T] task one
- (2) [T] do some shit

- (3) [T] we gotta do this too
- ii) User Story Two ⇒ [U] As a Pet Owner, I want to be able to
  provide details about each of my pet(s), so that Pet Care
  Providers will know important details about them when they
  interact with and take care of them.

- (1) [T] task one
- (2) [T] do some shit
- (3) [T] we gotta do this too
- iii) User Story Three ⇒ [U] As a Pet Owner, I want to be able to
  post fun/cute photos of each of my Pet(s), so that I can
  interact with the community and show off my Pet(s).

- (1) [T] task one
- (2) [T] task two
- (3) [T] task three
- iv) User Story Five ⇒ [U] As a Pet Owner, I want to be able to
   edit/update each/any of my Pet(s) profile(s) whenever I'd like,
   to add new information (i.e., new medical conditions or meds),
   photos, anecdotes, etc.

- (1) [T] task, task, task your story
- (2)[T] gently down the stream!
- (3) [T] in an inner-tube

- c) Epic Three ⇒ [E] As a Pet Care Provider, I would like to be able to create a profile for myself so that Pet Owners can find out about me, also to participate in the social aspects of the site.
  - i) User Story One ⇒ [U] As a Pet Care Provider, I want to be able to create a profile for myself, so that Pet Owners can see what pet species are my area(s) of expertise are, and how much experience I have.

- (1) [T] task one
- (2) [T] task two
- (3) [T] task three
- ii) User Story Two ⇒ [U] As a Pet Care Provider, I want to be able to make a professional profile, so that I can accept work from Pet Owners (access the scheduling/calendar system).

- (1) [T] task one
- (2) [T] this is a task too
- (3) [T] something we gotta do
- (4) [T] and it can't just be "figure out how to do this shit"
- iii) User Story Three ⇒ [U] As a Pet Care Provider, I want to be
   able to create a profile for myself, so that I am eligible to
   receive payments for my services through the app.

- (1) [T] blah
- (2) [T] blah
- (3) [T] blah
- iv) User Story Four ⇒ [U] As a Pet Care Provider, I want to be
  able to create a profile for myself, so that I can participate
  in the social aspects of Petopia.

- (1) [T] blah
- (2) [T] blah
- (3) [T] blah

v) User Story Five ⇒ [U] As a Pet Care Provider, I want to be able to add a picture to my profile so that Pet Owners can know that it's me when I come to take care of their Pet(s).

- (1) [T] task, task, task your story
- (2) [T] gently down the stream!
- (3) [T] in an inner-tube
- vi) User Story Six ⇒ [U] As a Pet Care Provider, I want to be able to have a small icon (or several if applicable) attached to my profile so that Pet Owners can know the types of animals I have experience with at a glance.

- (1) [T] task, task your story
- (2) [T] gently down the stream!
- (3) [T] in an inner-tube
- vii) User Story Seven ⇒ [U] As a Pet Care Provider, I want to be
  able to edit/update my profile whenever I'd like, to add new
  experience, information, photos, anecdotes, etc.

(1) [T] task, task, task your story

Team Nerdvana  $\Rightarrow$  Tricia Holman | Corrin Moser | Joseph Tavares CS461  $\Rightarrow$  Milestone Five  $\Rightarrow$  Core Features  $\rightarrow$  Epics  $\rightarrow$  User Stories [Refinement for 1st Sprint] Page 24 of 28

(2) [T]	gently	down	the	stream
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(3) [T] in an inner-tube

#### Coordinate & Facilitate Pet Care Services:

- 3) Core Feature Three ⇒ [CF] As the owner of Petopia, I want an easy-to-use, preferably fun way for Pet Owners and Pet Care Providers to be able to connect with each other, to get their Pets cared for, and to take care of Pets.
  - a) Epic One ⇒ [E] As a Pet Owner, I want to be able to search for Pet Care Providers, filtered by geographic proximity, the expertise of the Pet Care Provider and depth/length of experience, and their current rating. (this is where our algorithm comes into play)
    - i) User Story One ⇒ [U] as a something or other, i want something, so that i can something.

- (1) [T] task one
- (2) [T] do some shit
- (3) [T] we gotta do this too
- b) Epic Two ⇒ [E] As a Pet Owner, I want to be able to pay for the services provided to my Pet through the Petopia site/app, because this makes things easy for me. (one of our API's)
  - i) User Story One ⇒ [U] as a something or other, i want something, so that i can something.

(1) [T] task one

- (2) [T] do some shit
- (3) [T] we gotta do this too
- c) Epic Three ⇒ [E] As a Pet Care Provider, I want to be able to receive payment for my services through the Petopia site/app, because this makes things easy for me. (API)
  - i) User Story One ⇒ [U] as a something or other, i want something, so that i can something.

- (1) [T] task one
- (2) [T] do some shit
- (3) [T] we gotta do this too

## **Encourage & Facilitate Communication & Community:**

- **4) Core Feature Four** ⇒ [CF] As the **Owner of Petopia**, I want a way for Pet Owners and Pet Care Providers to **communicate** with each other from within the site (in-app), to facilitate better care for Pets.
  - a) Epic One ⇒ [E] As a Pet Owner, I want to be able to communicate with my Pet's Care Provider, from within Petopia, so that there is an ongoing record of my Pet's care, for the same Pet Care Provider to return, or for another one to provide care/services in the future.
  - b) Epic Two ⇒ [E] As a Pet Owner, I want to be able to hear from my Pet Care Provider when my Pet's services have been performed -i.e., when they got their meds, fed, let in/out, walked, taken to or returned from their appointment, so that I do not worry as much about someone taking care of my Pet and I feel assured my Pet has their needs met.
  - c) Epic Three ⇒ [E] As a Pet Owner, I want to be able to hear about the condition and status of my Pet during and/or after their care/services have been provided, so that I can feel assured that they are happy and being well-cared for.
  - d) Epic Four ⇒ [E] As a Pet Care Provider, I want to be able to report to the Pet Owner about the condition and status of their Pet(s), and what care/services have been provided; so that I can provide excellent customer service and increase my chances of return engagements to keep earning money and improve my ratings to get additional jobs.

- e) Epic Five ⇒ [E] As the Owners of Petopia, I want to have some users designated as "admins", so that they can moderate and edit content as necessary, if it has been reported as inappropriate.
- f) Epic Six ⇒ [E] As the Owners of Petopia, I want to establish a forum so that users of the site can interact with each other; establishing, enhancing, and continuing a sense of community, belonging, and friendship among our users.