|  |  |
| --- | --- |
| Project Charter | |
| Project title | PetPurrfect |
| Project 1 Team 2 | Britt Ralph, Ashley Warters, Curtis Henderson, Lucianne Vazquez |
| Date | 09/15/2020 |
|  | |
| Description  (Problem/Opportunity) | For class, we need to:   1. Create a platform using a CSS framework 2. Deployed to GitHub 3. It must be interactive and use modals (no alerts, confirms, or prompts) 4. Use at least two server-side APIs 5. Must use client-side storage to store persistent data 6. It must be responsive   We have a team of 4 students who are learning to code (we pretty much have no idea what we are doing yet) and this is our great opportunity to really learn what we have been reading and practicing in the last 6 weeks.  As animal lovers, we determined that we will build a fun cat facts application providing different breeds, images, searchable content, using a cat API and an adoption API. |
| Project Goal | The end goal of this project is really for students built a functional application so that they get a better understanding of what we are studying, but our goal is to get cat skeptics to use this app to learn random facts about cats and if they change their minds, then they can adopt a furry friend.  The educational goal of this project is to get students familiar with working in a collaborative coding environment comparative to a co-located development team. The functional goal of this project is to assist homeless animals to find a furever home and to assist people with learning about the different breeds of cats so that they can adopt the correct one that will fit in with their home. |
| Project Scope | To build a cat fact site that allows the user to learn cat facts to determine which selected cat breed would be best for them. If they determine they want to adopt a cat, then the page will link them to an adoption page. The team will work on building a HTML page with CSS, deploy to GitHub, use 2 API’s, and will have client-side storage.  To build an application allowing furry animals to infiltrate the homes of humans and provide them with facts about how to pamper their every need. This application will also provide the humans with a link to be adopted by their new furry master. |
| Objective(s) | 1. Create a functional application with a polished UI 2. Have random cat facts (see 3a)    1. See if Wikipedia also has an API that could be leveraged for cat breed/ historical info    2. Could likely work for cats or dogs if the adoption API specifies breed … just substitute / alternate the URL it pulls the info from 3. Have pictures that match the cat breed    1. Change to have facts that match the animal available for adoption if the API specifies breed 4. Have local storage    1. Save customer’s zip code to find local animals for adoption    2. Ability to save your favorite animals to compare before adopting    3. Include the contact info for the adoption center location specific to the pet 5. Ability to send a link to your favorite animal/s via email to a friend 6. Provide the best cat breed suggestion |
| Project Approach | Agile Methodology |
| RACI  (Responsible, Accountable, Consulted, Informed) | |  |  |  |  |  | | --- | --- | --- | --- | --- | | RACI Metrix | | | | | |  | Ashley | Brittney | Curtis | Lucianne | | GitHub | R/A | R/A | A | A | | API | C | R/A | C | R/A | | Index | R/A | R/A | R/A | R/A | | CSS | R/A | C | R/A | I | | JS | R/A | R/A | R/A | R/A | | Proofreader | A | R/A | A | R/A | |
| Expected Output/ Outcome | User stories created and assigned (Rough draft at least) –  Skeptics can use this app to learn random facts about cats when they click on cat facts.  When I click on cat images, then I can view different cat images  When I click on a breed, then a fact will populate and a corresponding image to that cat breed.  When I go to the pet adoption section, then I can type my zip code to find adoptable cats near me. |
| Proposed Activities | Repository configured (Covered in class tonight) – to be finalized on 09/17/2020  APIs identified:   * [**TheCatAPI - Cats as a Service, Everyday is Caturday.**](https://thecatapi.com/) * <https://www.petfinder.com/developers/> * <https://docs.thecatapi.com/1.0/example-by-breed> |
| Constraints | * Students don’t know how to proficiently code yet * Application needs to be mostly complete in 10 days and team needs to work around other work, school, family and other responsibilities. * We might need to change project multiple times or develop new ideas to meet class/ project requirements   + Use the Agile Methodology to fail fast and revise on multiple iterations to create an MVP (minimum viable product) |
| Assumptions | * Complete application should be released in time * Additional code can be added to application * We will likely jump off a bridge before completed |
| Deliverables | An interactive application that provides cat facts, suggestion of best cat breed for user, and link to adoption site. |
| Key Success Metrics | All criteria set by the professor/defined in the project scope are met  The application functions with 0 Errors  The user interface is liked by at least 2 classmates outside the team  -------------------------- How many people have downloaded our app? ( set initial est goal )  How many pets will get adopted ? ( est goal )  How many people will continue to use the app after x days/hours? |
| Project Duration | 2 weeks |
| Milestones | |  |  |  | | --- | --- | --- | | **Milestone Description** | **Target Date** | **Responsible Team Member** | | Develop Project Scope / Charter | 09/15/2020 | All | | GitHub Repo Created, Create HTML, CSS, pseudo code JS, Develop branch | 09/17/2020 | All | | Complete Feature 1 – Cat Facts ? | 09/19/2020 |  | | Complete Feature 2 – Cat Images ? | 09/19/2020 |  | | Complete Feature 3 – Cat Selection ? | 09/20/2020 |  | | Create Presentation & Practice Presenting | 09/22/2020 | All | | Presentation | 09/24/2020 | All | |
| Resources Needed | Computer and good internet  Students  Tutors  Visual Studio  Google |
| Estimated Budget | |  |  |  | | --- | --- | --- | | Estimated Budget | | | | Description | Qty | Cost | | Anxiety % | 10,000 | Your soul | | Loss of hair | 100,000,000,000 strands | A wig | | Loss of Sleep (value in days) | 10 | Your sanity | | Stress % | 20,000 | A box of wine | | Tears | 100,000 | 1 pint of Ben & Jerrys | | Estimated Total | $$ Priceless | | |
| Wireframe or sketch of the design (Rough draft at least) | =^..^= |
|  | |