⌨ CatLover Project

in list <u>Software</u>

☰ Description   Edit

Create the CatLover (Api & Frontend) project for GWI.
WebApi: Go
Frontend: React
Full description: ⚫ <u>GitHub - GlobalWebIndex/platform2.0-tl-challenge</u>

Steps:
1. Create new Branch.
2. Clone git from: ⚫ <u>GitHub - GlobalWebIndex/platform2.0-tl-challenge</u>
3. WebAPI: Create Project & Environment for WebAPI
4. WebAPI: Create DB (or JSON files) and data tables (Cats & Breeds)
5. WebAPI: Add data to data tables (or JSON files)
6. WebAPI: Connect with DB (SQLite) or with JSON files if DB cannot be connected.
7. WebAPI: Create models (Cat, Breed, Response)
8. WebAPI: Create response method.
9. WebAPI: Setup routes.
10. WebAPI: Create Services with methods.
11. WebAPI: Add data to DB (or JSON)
12. WebAPI: Test data.
13. WebAPI: Create Controllers and connect to services.
14. WebAPI: Test controllers & endpoints with Postman.
15. React: Create Project & Environment
16. React: Install packages (Bootstrap)
17. React: Create Models (Cat, Breed, Response)
18. React: Create service with public requests
19. React: Create shared components (Header, Loading, Error, PageNotFound, PageTitle, Pagination)
20. React: Create Cat Components (Cat, Cats, CatModal)
21. React: Create Breed Components (Breed, Breeds, BreedModal)
22. Commit/Push
23. Pull Request to Main branch.
24. Send email to <u>tkaravi@gwi.com</u> and inform for the PR

☑ WebApi (Golang)   Hide checked items   Delete

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☐ ~~Install Go~~

☐ ~~Setup enviroment~~

☐ ~~Configure router (GetAll, GetOne, Update)~~

☐ ~~Setup CORS~~

☐ Install the package: go-sqlite3

☐ Connect with SQLite

☐ ~~Create JSON file for cats data~~

☐ ~~Create JSON file for breeds data~~

☐ ~~Create response model~~

- [ ] ~~Create cat model~~
- [ ] ~~Create Breed model~~
- [ ] ~~Create cat controller~~
- [ ] ~~Create breed controller~~
- [ ] ~~Create GetAllCats random method (inside cat controller file)~~
- [ ] ~~Create GetCatById method (inside cat controller file)~~
- [ ] ~~Create GetFavoriteCats method (inside catcontroller file)~~
- [ ] ~~Create UpdateCat method (inside cat controller file)~~
- [ ] ~~Create GetAllBreeds method (inside breed controller file)~~
- [ ] ~~Create GetBreedById method (inside breed controller file)~~
- [ ] ~~Create services file~~
- [ ] ~~Create ReturnResponse method (inside services file)~~
- [ ] ~~Create GetOneData method (inside services file)~~
- [ ] ~~Create GetAllData method (inside services file)~~
- [ ] ~~Create OpenJsonFile method (inside services file)~~
- [ ] ~~Create UpdateJsonFile method (inside services file)~~
- [ ] ~~Create GetCatBreeds method (inside services file)~~
- [ ] ~~Create GetFavoriteCats method (inside services file)~~
- [ ] ~~Open JSON File and get data~~
- [ ] ~~Open JSON file and update data~~
- [ ] ~~Update GetAllData with random data~~

     Add an item

☑ **WebApi SIT Testing**   Hide checked items   Delete

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- [ ] ~~Test GetAllCats with postman (GET: http://localhost:10000/cats). Gets all the cats with random order.~~
- [ ] ~~Test GetCatById with postman (GET: http://localhost:10000/catsbreed/1). Gets only the one cat.~~
- [ ] ~~Test GetFavoriteCats with postman (GET: http://localhost:10000/catsfavorites). Gets all the cats with IsFavorite = True.~~
- [ ] ~~Test UpdateCat with postman (PATCH: http://localhost:10000/cats/1). Update the cat and response the updated cat.~~
- [ ] ~~Test GetAllBreeds with postman (GET: http://localhost:10000/breeds). Gets all the breeds.~~
- [ ] ~~Test GetBreedById with postman (GET: http://localhost:10000/breeds/1). Gets only the one breed.~~

Add an item

☑ **Frontend (React)**   Hide checked items   Delete

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☐ ~~Install React~~

☐ ~~Setup enviroment~~

☐ ~~Create empty site~~

☐ ~~Install bootstrap~~

☐ ~~Create response model~~

☐ ~~Create cat model~~

☐ ~~Create Breed model~~

☐ Create service file and add all public requests.

☐ Make all requests Asynchronous

☐ Add the ResponseModel in all responses.

☐ ~~Add images of cats when a breed is open in model.~~

☐ ~~Create component Header~~

☐ ~~Create component CatImagesList~~

☐ ~~Create PageNotFound component~~

☐ ~~Show PageNotFound component when the url is not found~~

☐ ~~Create Home Component~~

☐ ~~Create PageTitle component~~

☐ Create MessagesComponent

☐ ~~Create ErrorComponent~~

☐ ~~Create LoadingComponent~~

☐ ~~Add LoadingComponent into all pages when loading.~~

☐ ~~Create home page big button links~~

☐ ~~Create component CatDetails~~

☐ Add a link in CatModal in order to go to breed.

☐ ~~Create component BreedsList~~

☐ ~~Create component BreedDetails~~

☐ ~~Create component FavoriteCats~~

☐ ~~Create PaginationComponent~~

- [ ] ~~Add to favorites action~~
- [ ] ~~Remove from favorites action~~
- [ ] ~~Create UpdateCat request~~
- [ ] ~~Create GetAllCats request~~
- [ ] ~~Create GetCatById request~~
- [ ] ~~Create GetFavoriteCats request~~
- [ ] ~~Create GetAllBreeds request~~
- [ ] ~~Create GetBreedById request~~
- [ ] ~~Create GetAllCats request~~
- [ ] ~~Update CatImagesList with pagination (10 items)~~
- [ ] ~~Add Add/Remove from favorites button in CatsModal~~

Add an item

☑ Frontend SIT Testing   Hide checked items   Delete

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- [ ] ~~Home page. Loads 3 cards (Home, Cats, Favorite Cats) and the links are working.~~
- [ ] ~~CatsList page. Loads 10 random cats with images with pagination.~~
- [ ] ~~CatsList page. Show message: "Below you can find {count} cats. Click on a image to open cat details".~~
- [ ] ~~CatsList page. Test the pagination.~~
- [ ] ~~CatsList page. Click on a cat and open the modal with the cat breed name and image.~~
- [ ] ~~CatsList page. Close the modal window.~~
- [ ] ~~CatsList page. If cat is not in favorite list, show the "Save as Favorite" button.~~
- [ ] ~~CatsList page. Add this cat in favorite cats list.~~
- [ ] CatsList page. Close modal after save and show the message: "Cat added to your favorite list successfully".
- [ ] ~~CatsList page. If cat is in favorite list, show the "Remove from Favorite" button.~~
- [ ] ~~CatsList page. Remove this cat in favorite cats list.~~
- [ ] CatsList page. Close modal after save and show the message: "Cat removed from your favorite list successfully".
- [ ] CatsList page. Test the link Go To Breed Details from cat modal
- [ ] ~~BreedsList page. Loads all breeds as buttons.~~
- [ ] ~~BreedsList page. Show message: "Below you can find {count} breeds. Click on a breed to open breed details.".~~
- [ ] ~~BreedsList page. Click button and open a modal with Breed name, Breed details and Breed cats list.~~

- [ ] BreedsList page. Open the modal in new URL.

- [ ] ~~BreedsList page. Close modal window.~~

- [ ] ~~FavoriteCats page. If list is empty show the message: "Your favorites list is empty".~~

- [ ] ~~FavoriteCats page. If list is not empty show the message: "Below you can find {count} favorite cats. Click 'Remove' button to remove the selected cat from your favorites.".~~

- [ ] ~~FavoriteCats page. If list is not empty show cats with image, breed name and "Remove" button.~~

- [ ] ~~FavoriteCats page. Click "Remove" button and get the updated favorites list and refresh the page.~~

   Add an item

≔ Activity   Show details