

CatLover Project

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Description [Edit](#)


Create the CatLover (Api & Frontend) project for GWI.

WebApi: Go

Frontend: React

Full description:  [GitHub - GlobalWebIndex/platform2.0-tl-challenge](#)

Steps:

1. Create new Branch.
2. Clone git from:  [GitHub - GlobalWebIndex/platform2.0-tl-challenge](#)
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. WebAPI SIT: Run all tests.
23. React SIT: Run all tests.
24. Commit/Push
25. Pull Request to Main branch.
26. Send email to tkaravi@gwi.com and inform for the PR

☒ WebApi (Golang)

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- ☐ Install Go
- ☐ Setup enviroment
- ☐ Configure router (GetAll, GetOne, Update)
- ☐ Setup CORS
- ☐ Install the package: go-sqlite3 (Unsuccessful)
- ☐ Create SQLite DB and Datatables (Cats, Breeds)
- ☐ Add Data to datatables Cats & Breeds
- ☐ Connect with SQLite (Unsuccessful)

- ☐ 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

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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)

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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

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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