

ACNH Guide

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Description

ACNH Guide is a companion site for *Animal Crossing: New Horizons*. It provides the user the ability to track their in-game collection progress, discover what critters are currently available to them based on their console's date and time, and see what current events are happening in the game.



Features

- User Authentication with email or Google Account options
- Collection and Villager Tracking
- View and filter all critters featured in game
- View and filter all villagers featured in game
- User-friendly navigation
- Mobile Responsive



Planning - User Stories

Useful for an Animal Crossing: New Horizons player who wants to find information on the available critters and villagers in the game and keep track of their progress without having to do so on multiple sites or apps.



User Login

Sign In

SIGN IN

SIGN IN WITH GOOGLE

[No account? Sign Up](#)



Dashboard

ACNH Guide Home Critterpedia Villagers

Logout

Events this Month

Fishing Tournament

July 11th

Bug Off

July 27th

Today's Birthday



Curt

Current Critters

[See All](#)

43 Fish



39 Bugs



Ellen Green

Bean Cove

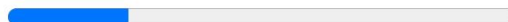


Villagers

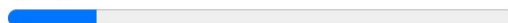


Collection Progress

Bugs 19/80



Fish 14/80



Critterpedia (Bugs)

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Logout

Bugs

Fish

All

Available This Month

My Collection



Available Right Now



Common Butterfly



Yellow Butterfly



Tiger Butterfly



Peacock Butterfly



Common Bluebottle



Paper Kite Butterfly



Great Purple Emperor



Monarch Butterfly



Emperor Butterfly



Agrias Butterfly



Raja Brooke's Birdwing



Queen Alexandra's Birdwing



Moth



Atlas Moth



Madaqascan Sunset Moth



Long Locust

Emperor Butterfly

| | |
|-----------------|------------------------------------|
| Price | 4000 bells |
| Flick's Price | 6000 bells |
| Location | Flying |
| Available Times | 5 p.m. - 8 a.m. |
| Northern Months | June - September, December - March |
| Southern Months | June - September, December - March |

Add to My Collection!



Critterpedia (Fish)

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Logout

Bugs

Fish

All

Available This Month

My Collection

☐ Available Right Now



Bitterling



Pale Chub



Crucian Carp



Dace



Carp



Koi



Goldfish



Pop-eyed Goldfish



Ranchu Goldfish



Killifish



Crawfish



Soft-shelled Turtle



Snapping Turtle



Tadpole



Frog



Freshwater Goby

Koi

| | |
|-----------------|-----------------|
| Price | 4000 bells |
| CJ's Price | 6000 bells |
| Location | Pond |
| Shadow Size | Large |
| Available Times | 4 p.m. - 9 a.m. |
| Northern Months | Year Round |
| Southern Months | Year Round |

I've already caught this!



Villagers

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Logout

Gender



Species



Personality

Submit



Cyrano



Antonio



Chow



Fauna



Bam



Zell



Bruce



Deirdre



Lopez



Fuchsia



Beau



Diana



Erik



Nate



Goldie



Butch

Merengue

| | |
|--------------|------------|
| Gender | Female |
| Species | Rhino |
| Birthday | March 19th |
| Personality | Normal |
| Catch Phrase | shortcake |

Add to My Island!



Technology Stack

- Angular 9
- JavaScript/TypeScript
- Bootstrap 4
- Firebase Realtime Database
- Firebase Authentication



What I Learned

- Firebase Realtime Database and REST APIs
- New technique (for example, connecting to an API or creating an admin dashboard)
- Creating user accounts and profiles with Firebase Authentication



What's Next

- Adding a 'Museum' page for users to view and track their fossil and art collections
- Improving the interface for mobile with more responsive Bootstrap
- Using jQuery and animations for better user interface interaction

