

WHEEL WIZARD

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DESCRIPTION

Used car website where:

- Users can search for used cars based on make, model, color, price, or description of the car
- Add their favorite cars to their cart
- List their cars to sell where other users can see it
- Remove cars from their cart
- Remove their listings
- Change their passwords
- Delete their profile
- Logout and register new users



TOOLS USED



CarAPI

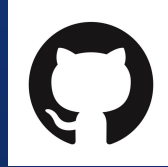
External API

Purpose: Access & display
information on our site,
Ranking: 3/5



Docker

Purpose: Build, test, and
deploy applications
Ranking: 4/5



GitHub

Purpose: Version Control &
Collaboration, Agile
Methodology, Peer Code
Reviewing
Ranking: 4/5



PostgreSQL

Purpose: Data Storage
Ranking: 5/5



HTML/CSS/EJS/ Bootstrap

Purpose: Styling pages, Set
up UI
Ranking: 3/5



NodeJS

Purpose: Create server-side
web application
Ranking: 5/5

TOOLS USED CONTINUED



VSCode

Coding Environment,
Peer code reviews
Ranking: 5/5

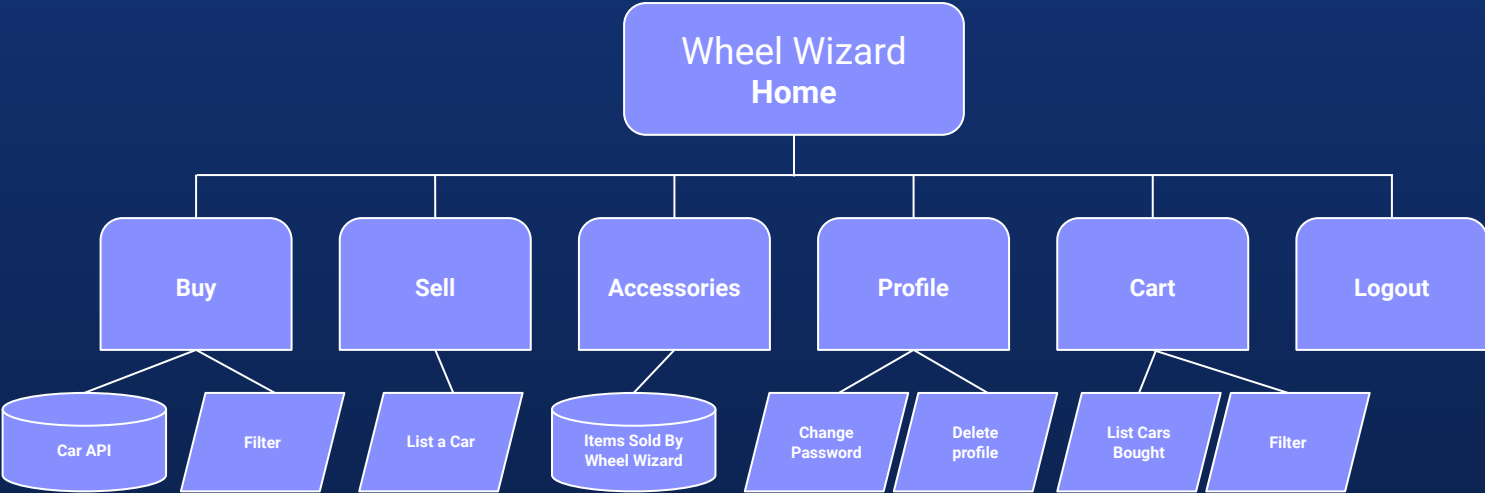


Localhost / Azure

Purpose: Deployment
Environment
Ranking: 4/5



ARCHITECTURE DIAGRAM





CHALLENGES WE ENCOUNTERED

CHALLENGE 1

- Finding a (free) suitable Car Retrieval API

CHALLENGE 2

- Connecting the API to the database

CHALLENGE 3

- Correctly Pushing to Github





Future Enhancements

- Messaging functionality between buyers and sellers
- Add photos for car listings
- Be able to rate sellers (out of 5 stars)
- Add to Cart Functionality for Accessories





DEMO TIME!

