

# CSci244 Web Development

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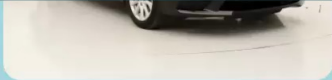
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honda accord - Google Search

localhost:3000


AppsClark WebdataDS125CS 3714CS201 Web devGrantFiles - OneDriveToolsrebuttal★ BookmarksMTurkMendeley Referenc...data»Other bookmarksReading list



Year2019

Price6988

Delete



Stock number19662328

☐


MakeMazda

ModelMazda3

Year2016

Price7497

Delete



Stock number19913278

☐


MakeFord

ModelTaurus

Year2017

Price12478

Delete



Stock number20214390

☐

MakeToyota

ModelCamry

Year2018

Price14538

Delete

RECORDED WITH SCREENCASTOMATIC




# Requirements

- Backend programming (40 pts)
  - Run at >node server.js and localhost:3000
  - Use the data10.json as input. Homepage must show all cars in the JSON file.
  - Must have 2 routes (can be visited by URL):
    - route "/" for index.html
    - route "/new-car" for new\_car.html
  - Implement post methods to add and delete cars.
  - No need to restart the sever to see the car list (bug free, data updated automatically)
- Data Requirement (20 pts)
  - Car data must be consistent throughout the server session.
  - Deleting and adding new cars must be updated immediately, and the user should have the same results when visit the home page.
  - No two cars have the same stock number in the JSON file. Overwrite the old one (with the same stock\_num) with the new car object

UsedCars Home

Add a new car Delete selected cars



Stock number 20196030


Make Nissan

Model Sentra

Year 2019

Price \$7377

Delete



Stock number 19913278


Make Ford

Model Taurus

Year 2017

Price \$12478

Delete



Stock number 20214390

Make Toyota

Model Camry

Year 2018

Price \$14538

Delete

UsedCars Home

Stock Number

xxxxxxx

Make

Honda

Model

Accord

Year

2020

Color

Select a color

Picture Url

Price

Stock Number cannot be empty


Save

# Requirements

- Navigation and interaction (30 pts)
  - The user can delete cars one by one, or select and delete.
  - No field in the new\_car.html should be empty, give proper notification for empty fields.
  - Navigate to homepage when new car is added
  - Must use jQuery as the main front-end JS.
- UI (10 pts)
  - The navigation button allows go-home
  - Must be well designed and implemented with Bootstrap.


UsedCars Home

Add a new car Delete selected cars




Stock number	20196030
Make	Nissan
Model	Sentra
Year	2019
Price	\$7377

Delete



Stock number	19913278
Make	Ford
Model	Taurus
Year	2017
Price	\$12478

Delete



Stock number	20214390
Make	Toyota
Model	Camry
Year	2018
Price	\$14538

Delete

UsedCars Home

Stock Number

xxxxxxxx

Make

Honda

Model

Accord

Year

2020

Color

Select a color

Picture Url

Price

Stock Number cannot be empty

Save

# Submission

- A video (a Zoom recording) showing the interactions as the example video. (-10 if no video)
- Put the video inside your project (delete the provided video and rename your video to "homework.mp4" or "homework.mov")
- One zip to Moodle
- Due 3/29 Tue at 11pm.

