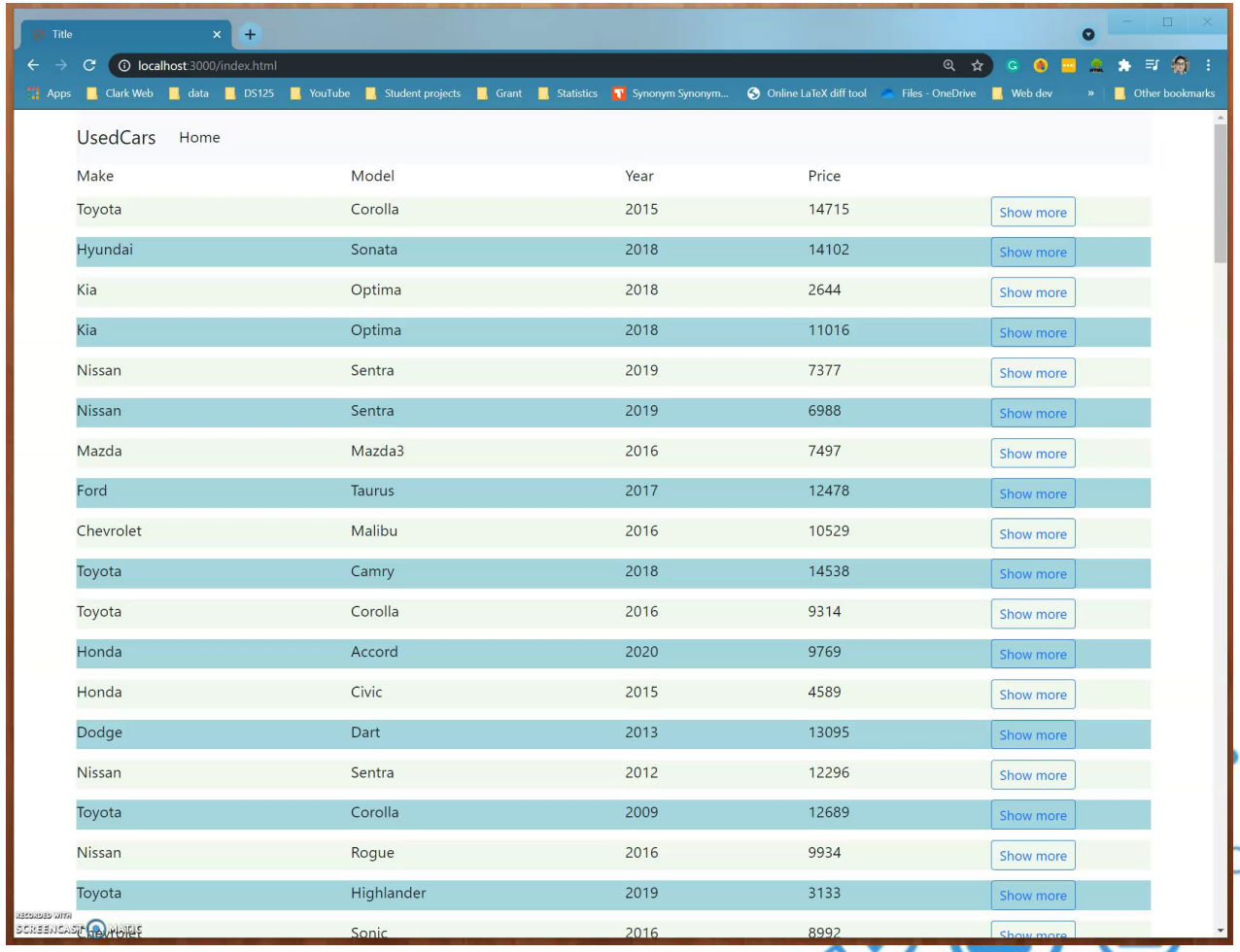
CSci201 Web Development

Shuo Niu, Ph.D.

shniu@clarku.edu

Used Cars Database

stock_num	make	model	year	color	url	price
19913071	Toyota	Corolla	2015	Red	https://im	14715
20319754	Hyundai	Sonata	2018	Black	https://im	14102
20322507	Kia	Optima	2018	Gray	https://im	2644
20322520	Kia	Optima	2018	Black	https://im	11016
20196030	Nissan	Sentra	2019	White	https://im	7377
20196050	Nissan	Sentra	2019	Black	https://im	6988
19662328	Mazda	Mazda3	2016	Black	https://im	7497
19913278	Ford	Taurus	2017	Black	https://im	12478
19912988	Chevrolet	Malibu	2016	Black	https://im	10529



Requirements

- This assignment will be reused in the next lab
- Use the template to get started.
- Data must be stored in Mongodb.
- Cars in the list must be consistent with any CSV data loaded in NodeJS. (hint: https://csv.js.org/parse/api/sync/)
- Texts must be properly aligned.
- Clicking the headers sorts the list by Make, Model, Year, and Price (all ascending). Sorting must be implemented with client-side JS.
- Clicking the "show more" button goes to the detail page of the clicked car

Submission requirement

- Write your code in the provided files. Zip the same files and submit. Do not zip NodeJS libraries and package.json.
- You must submit a video showing the required functions (-10 if no video)
- The professor will run the following command lines to launch your project:
  - npm init
  - npm i express body-parser mongoose csv-parse
  - node db_initializer.js
  - nodemon server.js
- Due 4/27 (Tue) at 11pm.