

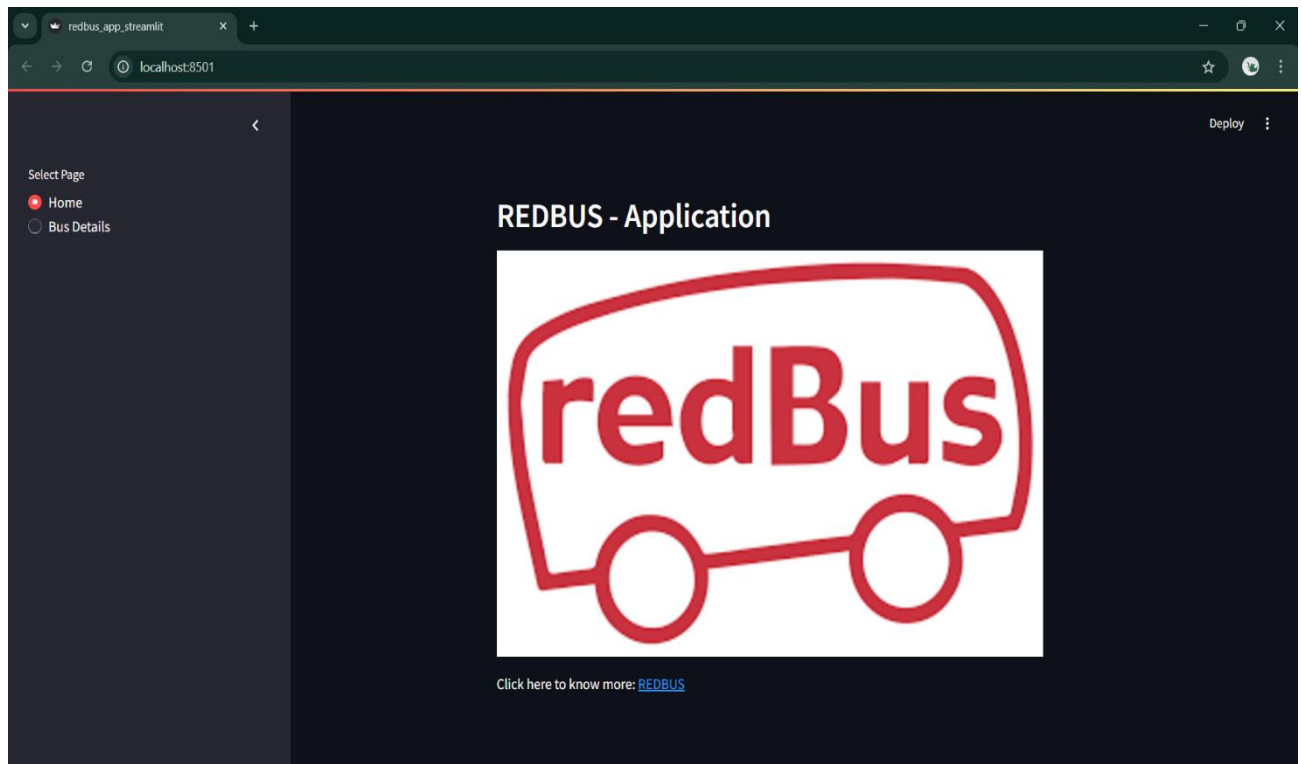
Redbus Data Scrapping with Selenium & Dynamic Filtering Using Streamlit

Database Schema

Information	
Table: bus_details	
Columns:	
ID	int AI PK
State	varchar(255)
Bus_name	text
Bus_type	text
Departure_time	time
Arrival_time	time
Total_duration	text
Price	decimal(10,2)
Seats_available	int
Star_ratings	float
Route_name	text
Route_link	text

Final Application Demo

Home Page



Bus Details Page

Deploy

Select Page

Home

Bus Details

Filters

Select State Name

Andhra

Select Route Name

Hyderabad to Vijayawada

Select Bus Type

Select Departure Time

Price Range

143

5000

Seats Available

1

49

REDBUS - Application

REDBUS - Bus Route and Details

	State	Bus_name	Bus_type	Departure_time	Arrival_time	Total_duration	Price	Seats_av
0	Andhra	APSRTC - 35	AMARAVATHI (VO)	11:15	17:00	05h 45m	615	
1	Andhra	APSRTC - 35	AMARAVATHI (VO)	12:15	18:00	05h 45m	615	
2	Andhra	APSRTC - 35	AMARAVATHI (VO)	13:15	19:30	06h 15m	615	
3	Andhra	APSRTC - 35	SUPER LUXURY (P	13:40	20:20	06h 40m	469	
4	Andhra	APSRTC - 24	INDRA(A.C. Seate	14:00	19:00	05h 00m	528	
5	Andhra	APSRTC - 93	SUPER LUXURY (P	14:00	20:20	06h 20m	412	
6	Andhra	APSRTC - 35	DOLPHIN CRUISE	14:15	20:00	05h 45m	615	
7	Andhra	APSRTC - 37	SUPER LUXURY (P	14:30	20:45	06h 15m	412	
8	Andhra	APSRTC - 38	DOLPHIN CRUISE	15:15	21:25	06h 10m	648	
9	Andhra	APSRTC - 33	NIGHT RIDER (SE	15:45	22:45	07h 00m	639	

Total results: 20

Enter Bus ID 1 (row index)

Enter Bus ID 2 (row index)

Deploy

Select State Name

Andhra

Select Route Name

Hyderabad to Vijayawada

Select Bus Type

Select Departure Time

Price Range

143

5000

Seats Available

1

49

Ratings Range

1.00

5.00

Enter Bus ID 1 (row index)

Enter Bus ID 2 (row index)

11

12

COMPARISON TABLE

Attribute	Bus 1	Bus 2
0 Route Name	Hyderabad to Vijayawada	Hyderabad to Vijayawada
1 Bus Name	APSRTC - 3500	APSRTC - 3376
2 Bus Type	SUPER LUXURY (NON-AC, 2 + 2 PUSH BACK)	SUPER LUXURY (NON-AC, 2 + 2 PUSH BACK)
3 Departure Time	16:20	16:45
4 Arrival Time	00:45	23:15
5 Price	469.0	436.0
6 Ratings	3.5	4.8
7 Seats Available	33	33