

Manufacturing Domain : AutoMob-Mechanic App

Softwares Required:

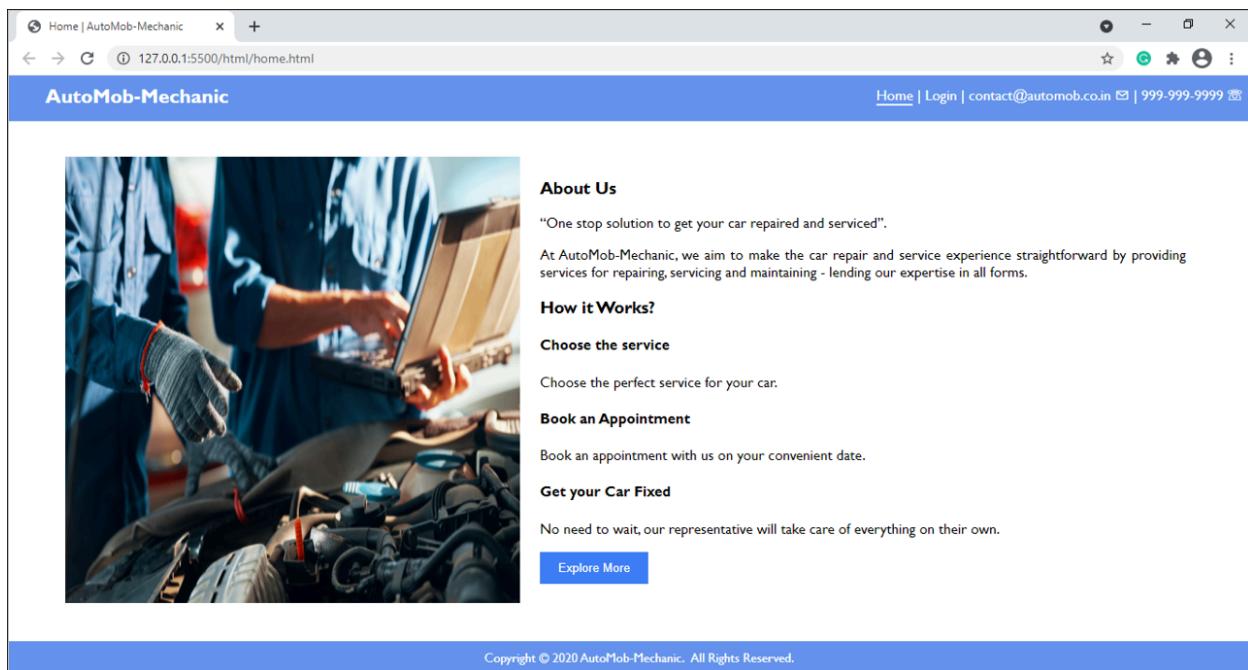
- Editor (Visual Studio Code IDE recommended)
- Browser (Google Chrome recommended)

Note: Follow the steps mentioned at the beginning of the course to install the required software.

Automob-Mechanic : home.html

1. home.html

This page renders the information about the company. It has a 'Explore More' button when clicked should take the user to services.html.

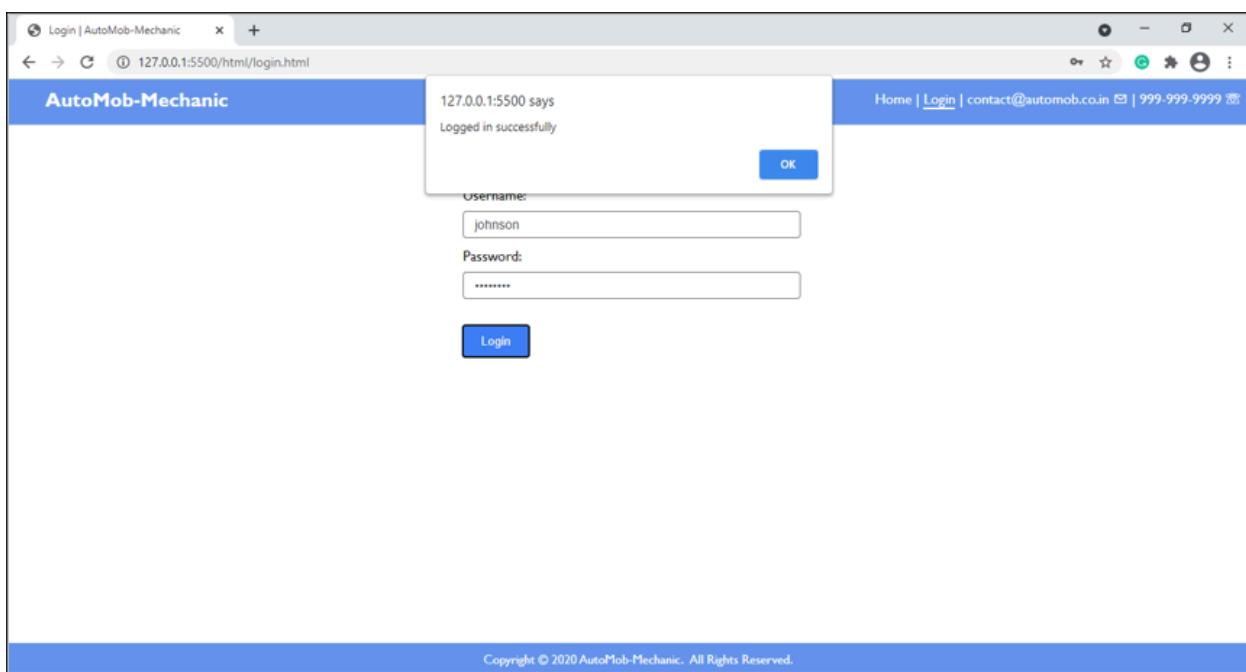
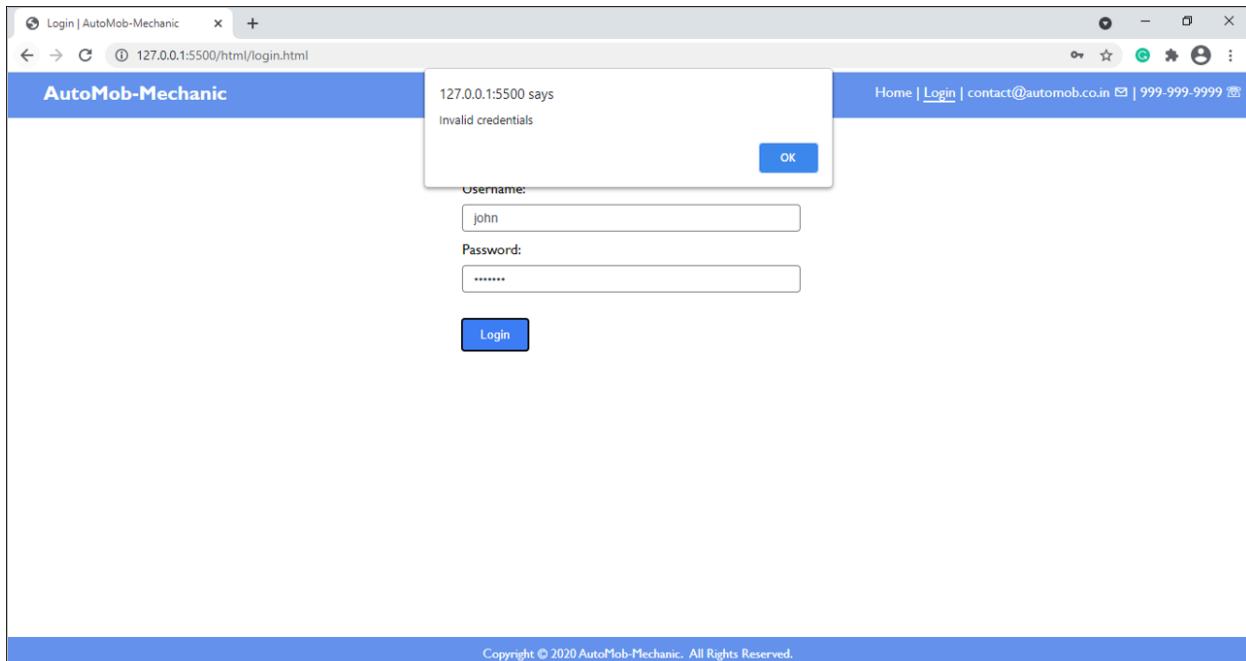


Hint: onclick event, location.assign()

Automob-Mechanic : login.html

2. login.html

This page renders a login form. It accepts username and password from the user and these inputs are validated with the values in a JSON array. Upon validation, the browser will display appropriate messages. If entered correct credentials, the user should be navigated to the home page.



After successful login, the name of the user should be displayed in the navbar as shown below. Also, the services, booking, and logout menu should be visible in the navbar.

The screenshot shows a web browser window with the URL `127.0.0.1:5500/html/home.html`. The title bar says "Home | AutoMob-Mechanic". The main content area features a large image of two mechanics working on a car engine. To the right of the image, there is a "About Us" section with a quote and a "How it Works?" section with three sub-sections: "Choose the service", "Book an Appointment", and "Get your Car Fixed". A blue "Explore More" button is at the bottom of this section. The top right of the page has a user menu with the text "Hi Johnson" and links for Home, Services, Booking, Logout, contact information, and a phone number.

If the user is logged in as admin, the navbar of the home page should be displayed as below. Also, the reports and logout menu should be visible in the navbar.

This screenshot is identical to the one above, showing the same layout and content. The only difference is the user name in the top right corner, which is now "Hi Admin", indicating the user is now an administrator. The "Reports" link is also present in the top navigation bar.

Hint: `fetch()` to fetch the JSON array from the `users.json`, `onclick` event, `location.assign()`, `alert()`, `sessionStorage`, DOM methods and switch case to display navbar based on different user roles.

Automob-Mechanic : reports.html

3. reports.html

This page displays service booking information of the customers and can be accessed only if logged in to the application as an admin.

The screenshot shows a web browser window with the title 'Home | AutoMob-Mechanic'. The URL in the address bar is '127.0.0.1:5500/html/reports.html'. The page header includes 'AutoMob-Mechanic' on the left and 'Hi Admin | Home | Reports | Logout | contact@automob.co.in | 999-999-9999' on the right. Below the header is a table with the following data:

C.Id	Customer Name	Service Name	Service Date	Cost
C1001	Maria Anders	Car Care Service	22-Jan-2020	4500
C1002	Christina Berglund	Car Care Service	23-Jan-2020	4500
C1003	Albert Harry	Preventive Maintenance Service	23-Jan-2020	5000
C1004	David James	Preventive Maintenance Service	23-Jan-2020	5000
C1005	Cathy Davis	Body Repair Service	24-Jan-2020	7000
C1006	John David	Preventive Maintenance Service	24-Jan-2020	5000
C1007	Melvin Jacob	Body Repair Service	25-Jan-2020	7000
C1008	Clara Stalin	Preventive Maintenance Service	25-Jan-2020	5000
C1009	Arav Satya	Car Care Service	25-Jan-2020	4500
C1010	Mark John	Preventive Maintenance Service	26-Jan-2020	5000
C1011	James Jacob	Car Care Service	26-Jan-2020	4500
C1012	Samuel Thomas	Body Repair Service	26-Jan-2020	7000

At the bottom of the page, there is a blue footer bar with the text 'Copyright © 2020 AutoMob-Mechanic. All Rights Reserved.'

Automob-Mechanic : services.html

4. services.html:

This page displays the list of services provided by the company. Each service has a “More Details” button. On click of this button, it will take the user to the appropriate service page. It also displays a countdown timer of 10 mins which shows the offer expiration time.

Services | AutoMob-Mechanic x +

127.0.0.1:5500/html/services.html

Hi Johnson | Home | Services | Booking | Logout | contact@automob.co.in | 999-999-9999

Car Repair and Service

Our representatives are professionally trained and skilled with latest and futuristic techniques to provide a best quality service.

At AutoMob-Mechanic, we provide a high class service to the customers for their happy and memorable driving experience.

Preventive Maintenance Service



Periodically check and keep your car running.

Offer: 20%

[More Details](#)

Body Repair Service



Full chassis body repair provided by the experts.

Offer: 10%

[More Details](#)

Car Care Service



Get your car sparkling clean in just minutes.

Offer: 15%

[More Details](#)

**Offer ends in: 9m:55s

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Hint: onclick event, location.assign(), setInterval(), Date object methods

Automob-Mechanic : preventive-maintenance-service.html

5. preventive-maintenance-service.html:

This page renders the details about preventive maintenance service. It has a “Book Service” button when clicked takes the user to booking.html. In booking.html, the ‘Preventive maintenance service’ option should be selected for the drop-down ‘Select service’ by default.

This page also has a “Go Back” button which should navigate the user to the previous page.

S Preventive Maintenance Service | x +
127.0.0.1:5500/html/preventive-maintenance-service.html

AutoMob-Mechanic Hi Johnson | Home | Services | Booking | Logout | contact@automob.co.in | 999-999-9999

Preventive Maintenance Service



Looking to keep your car functioning smoothly? Save money and opt for AutoMob-Mechanic's periodic maintenance service. This service aims at:

- Air filter replacement.
- Engine oil replacement.
- Break pad cleaning.

[Book Service](#) [← Go Back](#)

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Hint: onclick event, location.assign(), history.url(), localStorage.setItem()

Automob-Mechanic : body-repair-service.html

6. body-repair-service.html:

This page renders the details about body repair service. It has a “Book Service” button when clicked take the user to booking.html. In booking.html, the ‘Body Repair Service’ option should be selected for the drop-down ‘Select service’ by default.

This page also has a “Go Back” button which should navigate the user to the previous page.

Body Repair | AutoMob-Mechanic x +

127.0.0.1:5500/html/body-repair-service.html

AutoMob-Mechanic Hi Johnson | Home | Login | Services | Booking | contact@automob.co.in | 999-999-9999

Body Repair Service



Paint scratches and dents degrades the appearance of your car? Opt for AutoMob-Mechanic's body repair service. This service aims at:

- Car dent repair.
- Car painting.
- Complete car body repair service.

[Book Service](#) [← Go Back](#)

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Automob-Mechanic : car-care-service.html

7. car-care-service.html

This page renders the details about car care service. It has a “Book Service” button when clicked take the user to booking.html. In booking.html, the ‘Car Care Service’ option should be selected for the drop-down ‘Select service’ by default.

This page also has a “Go Back” button which should navigate the user to the previous page.

Car Care | AutoMob-Mechanic x +

127.0.0.1:5500/html/car-care-service.html

AutoMob-Mechanic Hi Johnson | Home | Services | Booking | Logout | contact@automob.co.in | 999-999-9999

Car Care Service



Looking to keep your car neat and clean? Save money and opt for AutoMob-Mechanic's car care service. We offer an extensive range of car wash and cleaning services such as:

- Basic car washing and Vacuuming.
- Detailed interior and upholstery cleaning.
- Protective coating.
- Dashboard polishing.

[Book Service](#) [← Go Back](#)

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Automob-Mechanic : booking.html

8. booking.html:

This page displays a booking form that takes various inputs from the user. The form is submitted to booking-success.html using HTTP method POST when the user clicks on the “Book” button.

In booking.html, an appropriate option should be selected for the drop-down ‘Select service’ by default depending upon the service chosen by the user.

The appointment date entered by the user should be validated. If the user enters a past date, it should display an error message.

Booking | AutoMob-Mechanic

Hi Johnson | Home | Services | Booking | Logout | contact@automob.co.in | 999-999-9999

Book Your Service

Name: John Daub

Email Id: john@yahoo.com

Phone Number: code 9823322332

Select Service: --Select--

Car Make: Suzuki, Toyota....

Car Model: Alto, Innova...

Fuel Type:

Petrol Diesel LPG Others

Appointment Date:

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The screenshot shows a web browser window titled "Booking | AutoMob-Mechanic". The URL in the address bar is "127.0.0.1:5500/html/booking.html". The form contains the following fields:

- Email: john@yahoo.com
- Phone Number: code 9823322332
- Select Service: Car Care Service
- Car Make: Suzuki, Toyota....
- Car Model: Alto, Innova...
- Fuel Type: Petrol (radio button selected)
- Appointment Date: mm/dd/yyyy
- Address: (empty text area)

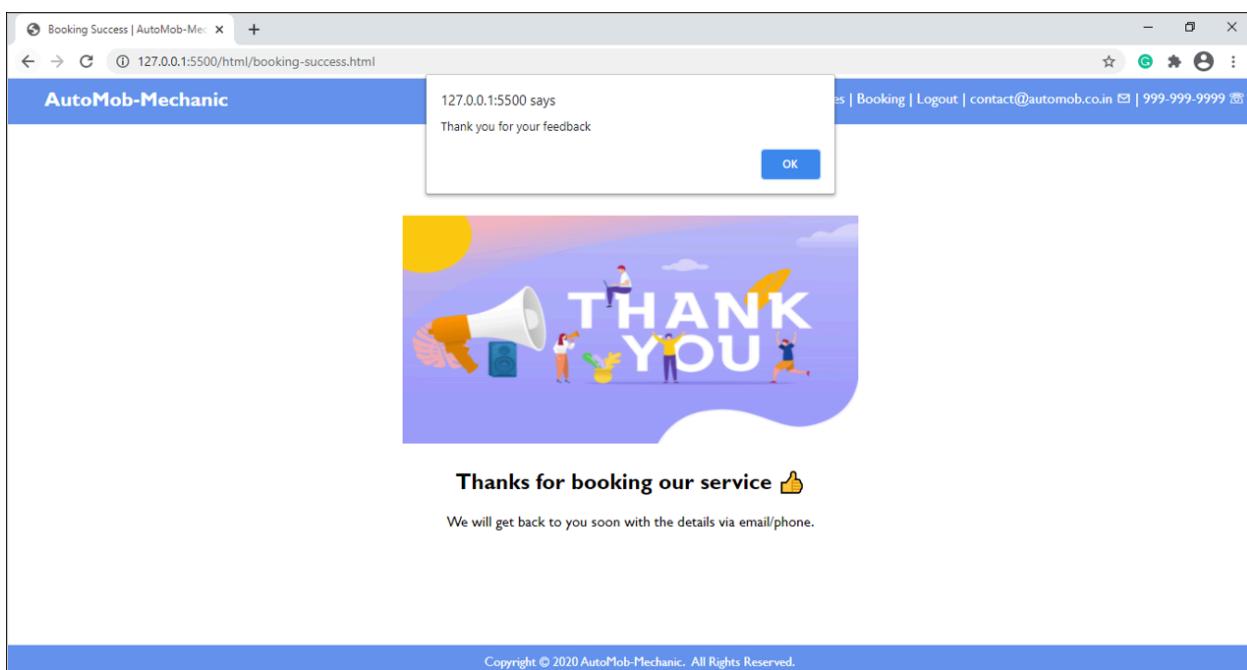
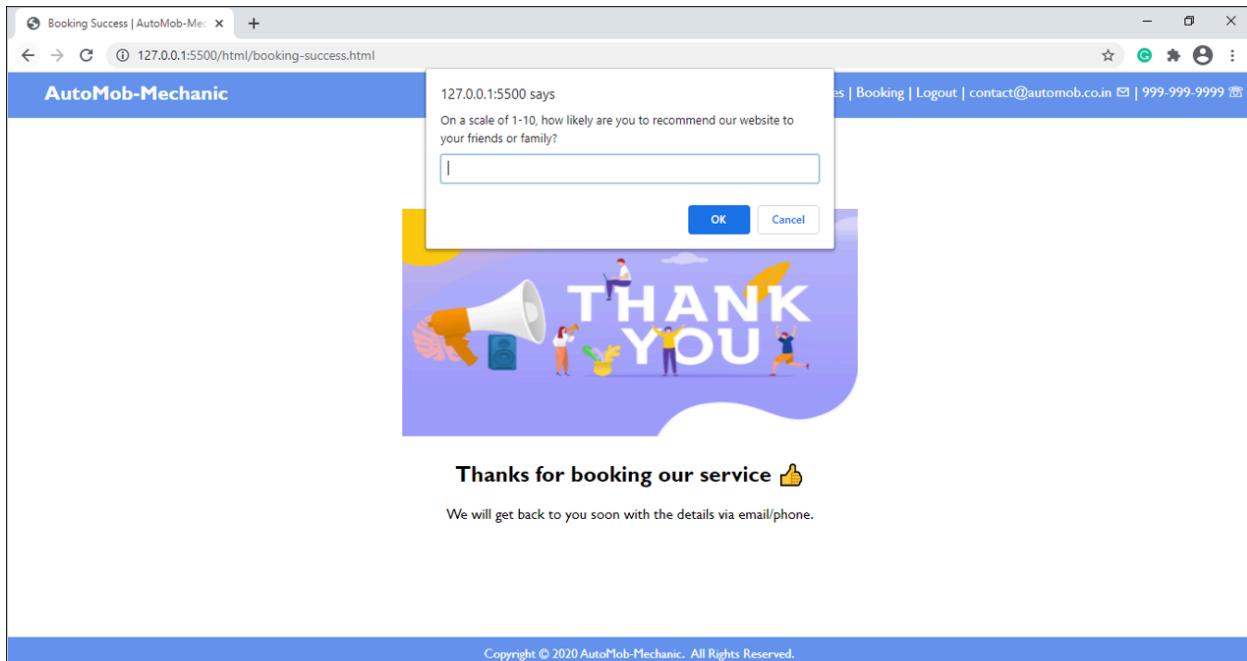
At the bottom of the form is a blue "Book" button. Below the form, a blue footer bar displays the copyright notice: "Copyright © 2020 AutoMob-Mechanic. All Rights Reserved."

Hint: oninput event, localStorage.getItem(), DOM properties

Automob-Mechanic : booking-success.html

9. booking-success.html

This page will display a message once the booking is done. After a minute, the user will be prompted to provide a rating. Once the user provides the rating, the browser should display an appropriate message.

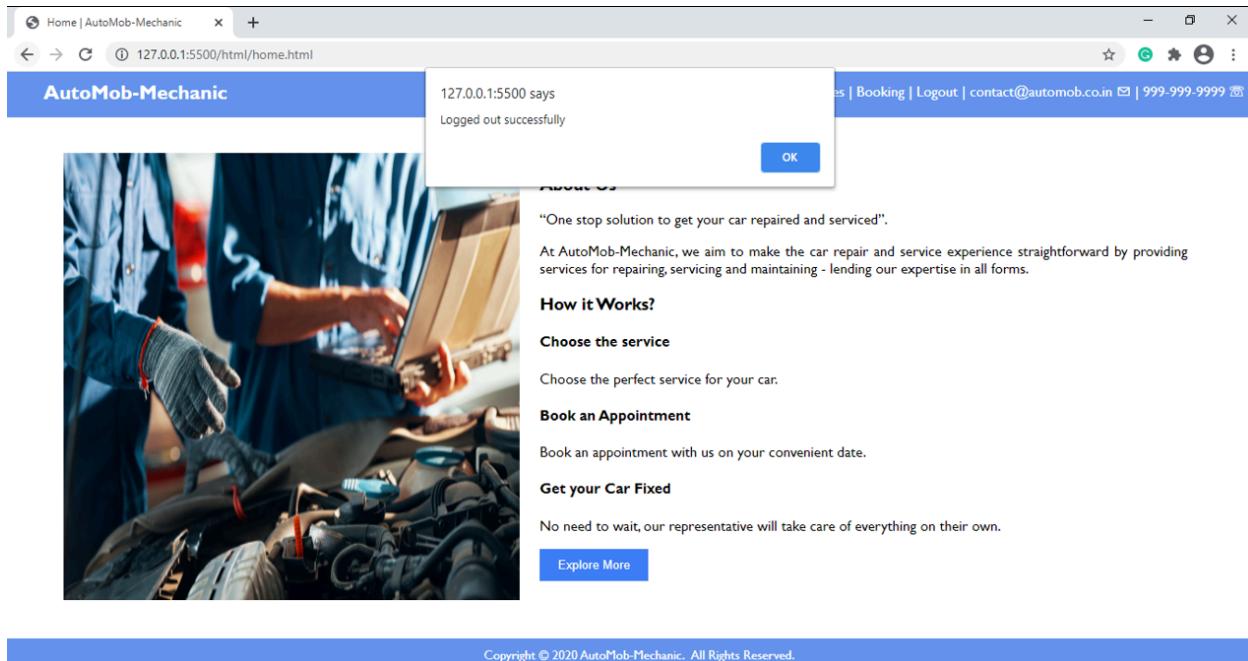


Hint: setTimeout(), prompt(), alert()

Automob-Mechanic : logout

10. logout

After clicking on logout, the browser should display a pop-up that says, 'Logged out successfully' and it should clear the sessionStorage and navigate the user to home.html.



Hint: onclick event, sessionStorage.clear(), alert(), location.assign()