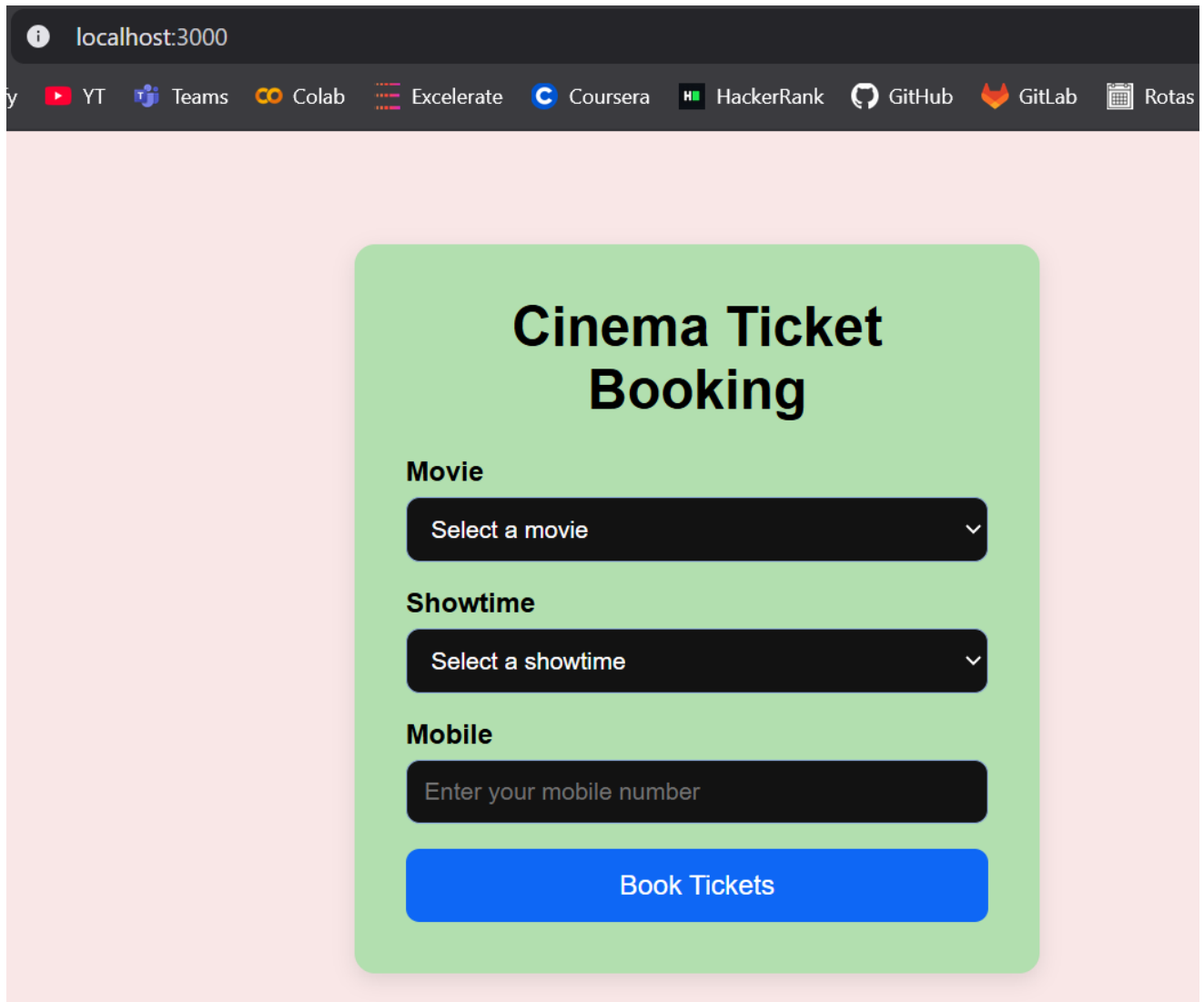


Server-Side Web Development Assignment 1

Part A: Cinema Ticket Booking Form

Screenshots

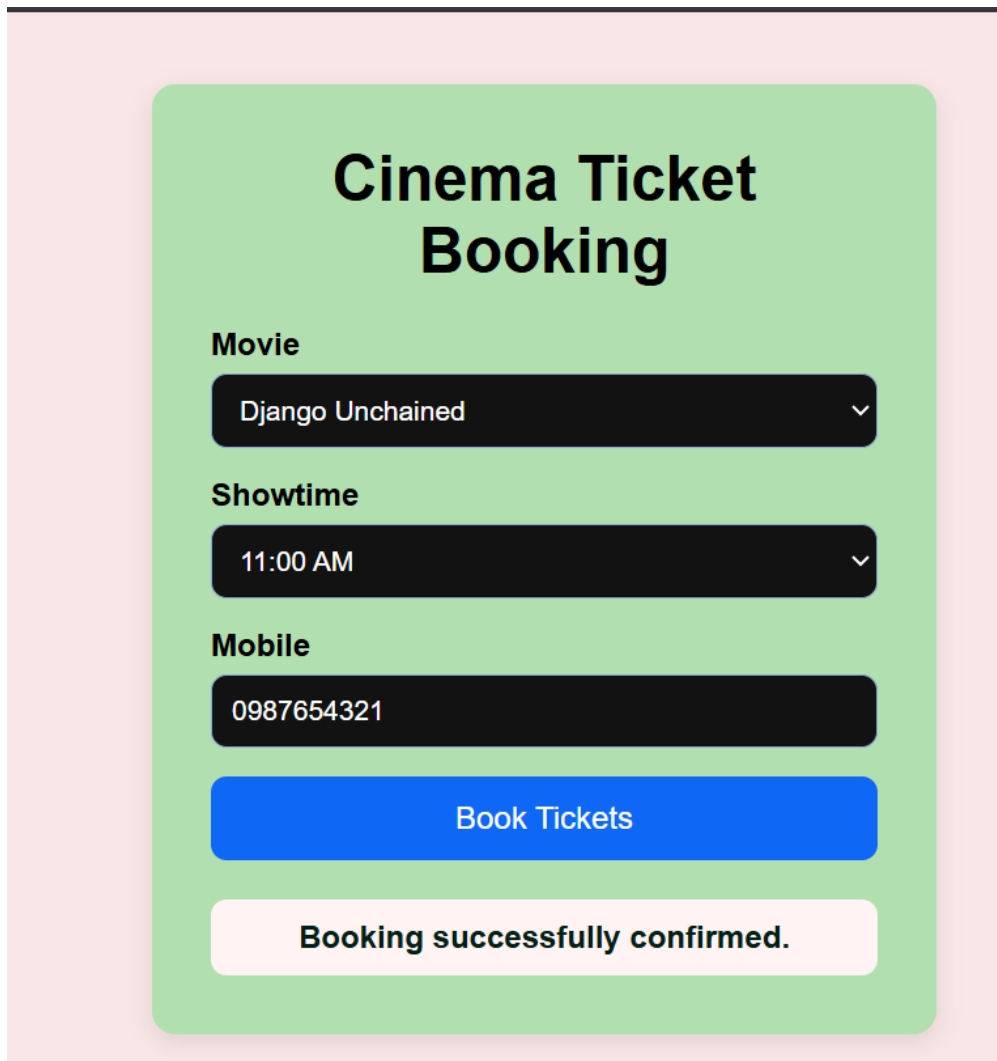
❖ Interface



The screenshot shows a web browser window with the address bar displaying 'localhost:3000'. The browser's toolbar includes icons for YouTube (YT), Microsoft Teams, Google Colab, Excelsior, Coursera, HackerRank, GitHub, GitLab, and Rotas. The main content area features a light pink background with a central green rounded rectangle containing the booking form. The form is titled 'Cinema Ticket Booking' in large, bold, black text. Below the title, there are three sections: 'Movie' with a dropdown menu labeled 'Select a movie', 'Showtime' with a dropdown menu labeled 'Select a showtime', and 'Mobile' with a text input field labeled 'Enter your mobile number'. At the bottom of the form is a prominent blue button labeled 'Book Tickets'.

Server-Side Web Development Assignment 1

❖ Form Submission



A screenshot of a web form titled "Cinema Ticket Booking". The form is set against a light green background with rounded corners, centered on a light pink background. It contains three dropdown menus: "Movie" with "Django Unchained" selected, "Showtime" with "11:00 AM" selected, and "Mobile" with "0987654321" entered. Below these is a blue "Book Tickets" button. At the bottom, a white message box states "Booking successfully confirmed."

❖ Confirmation Message

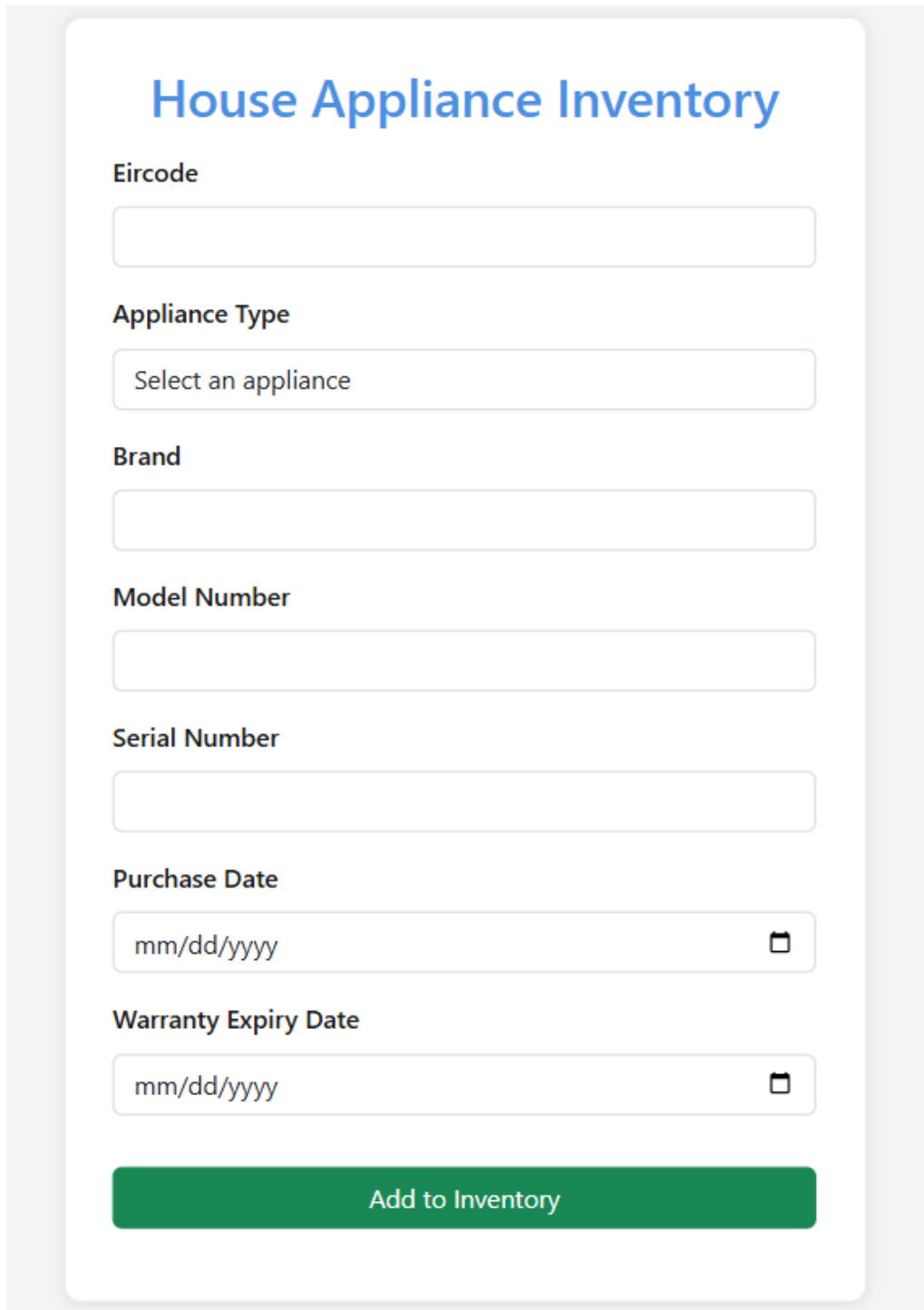
```
GET /api/book-ticket ...
o Compiling /api/book-ticket ...
✓ Compiled /api/book-ticket in 577ms (119 modules)
Data received: {
  movie: 'Django Unchained',
  showtime: '11:00 AM',
  mobile: '0987654321'
}
Booking confirmed: Django Unchained on 11:00 AM for mobile: 0987654321
```

Server-Side Web Development Assignment 1

Part B: House Appliance Inventory

Screenshots

❖ Form



House Appliance Inventory

Eircode


Appliance Type

Brand


Model Number

Serial Number

Purchase Date



Warranty Expiry Date



Add to Inventory

❖ Validation

House Appliance Inventory

Eircode

D22CP0A

Appliance Type

Refrigerator

Brand

Whirlpool

Model Number

WBSX23

Serial Number

1234

Purchase Date

02/04/2020

Warranty Expiry Date

04/07/2025

Add to Inventory

Appliance Refrigerator Whirlpool WBSX23 successfully added to inventory.

Server-Side Web Development Assignment 1

❖ Confirmation Message

```
o Compiling /api/register ...  
✓ Compiled /api/register in 724ms (76 modules)  
New appliance registered:  
  Appliance Type : Refrigerator  
  Brand           : Whirlpool  
  Model Number    : WBSX23  
  Serial Number   : 1234
```

Part C: House Appliance Inventory

❖ Sticky Form

House Appliance Inventory

Eircode

Appliance Type

Brand

Model Number

Serial Number

Purchase Date

Warranty Date

Submit

❖ **Input Error Handling**

House Appliance Inventory

Eircode

D13Y2NV

Appliance Type

Refrigerator

Brand

Samsung

Model Number

X-23456

Serial Number

|

Purchase Date



Please fill out this field.

02/04/2020



Warranty Date

04/07/2025



Submit

Server-Side Web Development Assignment 1

❖ Confirmation on Success

House Appliance Inventory

Eircode

Appliance Type

Brand

Model Number

Serial Number

Purchase Date

Warranty Date

Submit

Form submitted successfully!

```
GET / 200 in 23ms
✓ Compiled /api/submit-form in 494ms (74 modules)
Form Data: {
  eircode: 'D13Y2NV',
  applianceType: 'Refrigerator',
  brand: 'Samsung',
  modelNumber: 'X-23456',
  serialNumber: '123456',
  purchaseDate: '2020-02-04',
  warrantyDate: '2025-04-07'
}
POST /api/submit-form 200 in 626ms
```