Class diagram:

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| --- |
| USER |
| userID  name  email  password |
| register()  login()  logout() |

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| --- |
| Customer |
|  |
| browseMovies()  bookTicket()  makePayment()  rateMovie() |

|  |
| --- |
| Admin |
|  |
| addMovie()  scheduleShow()  generateReport()  verifyTicket() |

|  |
| --- |
| Ticket |
| ticketID  showID  seatNo  status |
| confirmBooking()  cancelBooking() |

|  |
| --- |
| Movie |
| movieID  title  genre  duration  description |
| getMovieDetails()  updateDetails() |

|  |
| --- |
| Showtime |
| showID  movieID  screenNo  time  price |
| getShowtimeDetails() |

|  |
| --- |
| Payment |
| paymentID  ticketID  amount  status  paymentMethod |
| processPayment()  refundPayment() |