USER LOGIN INTO eMSP
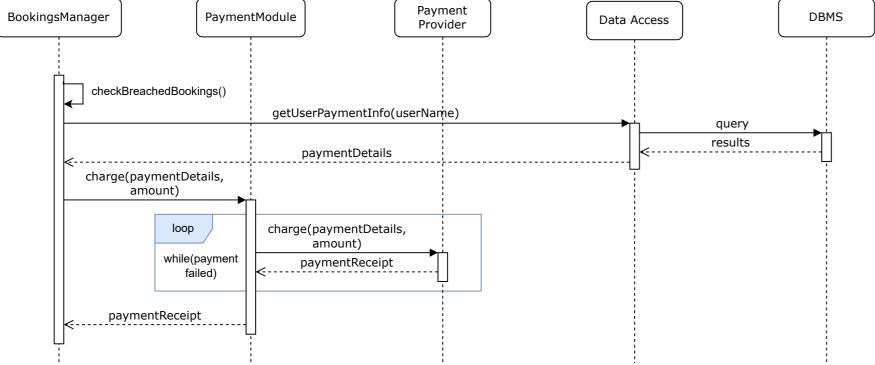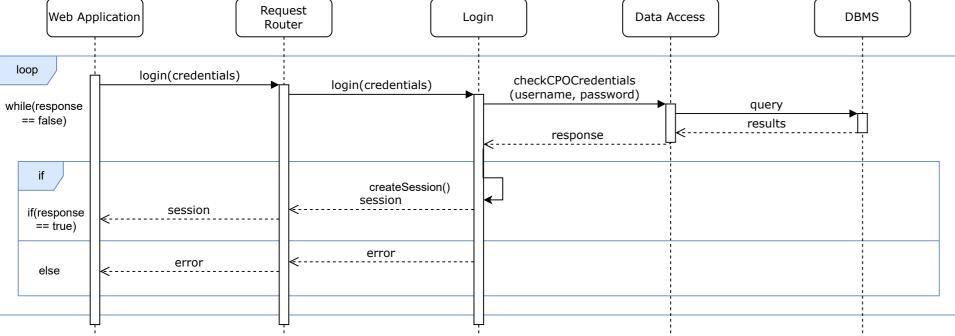
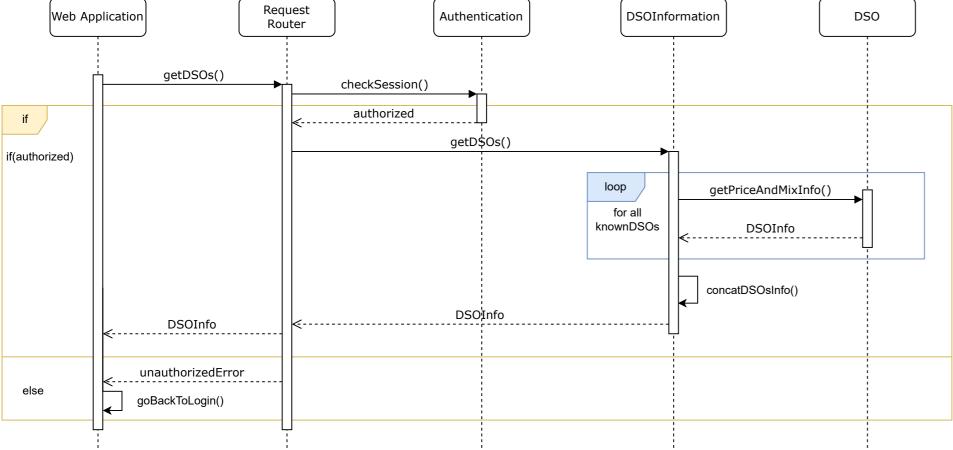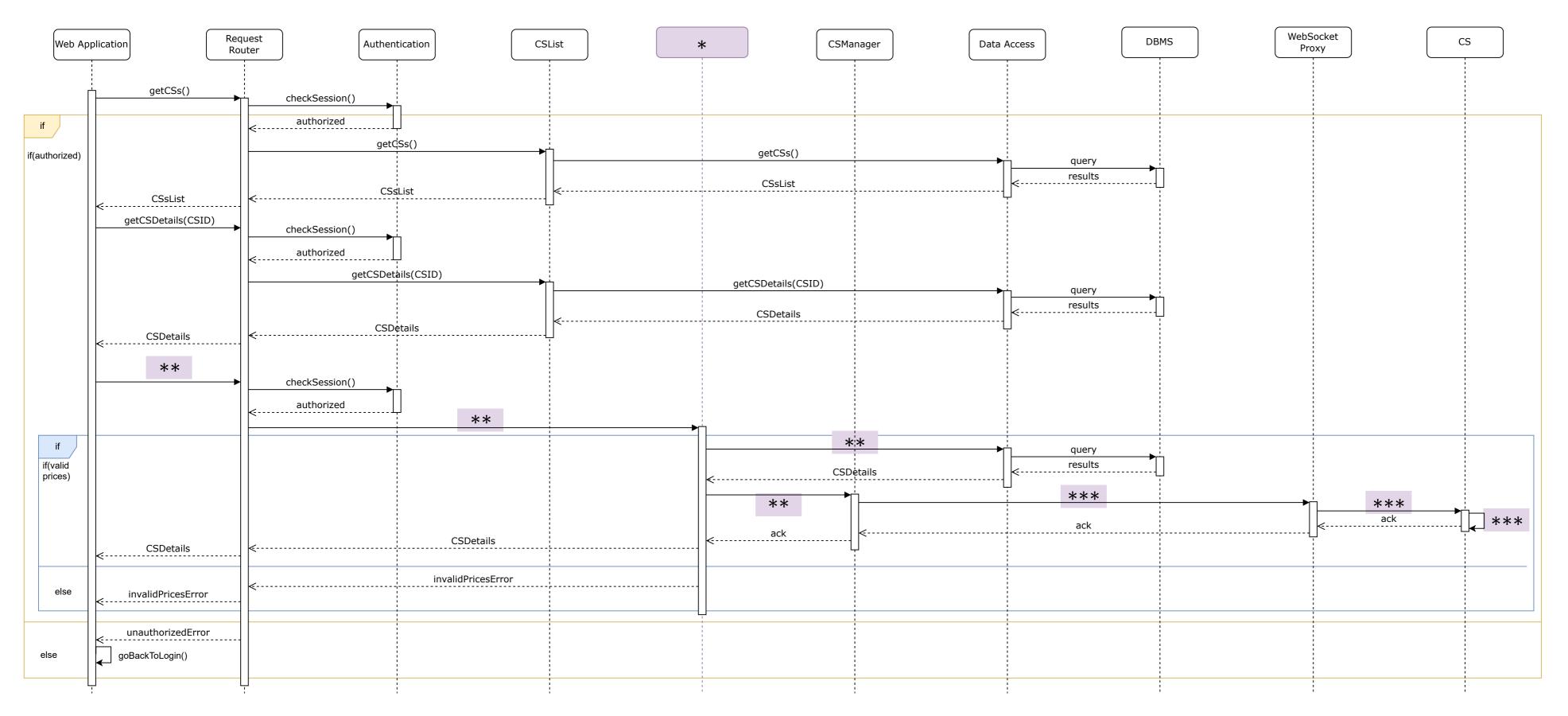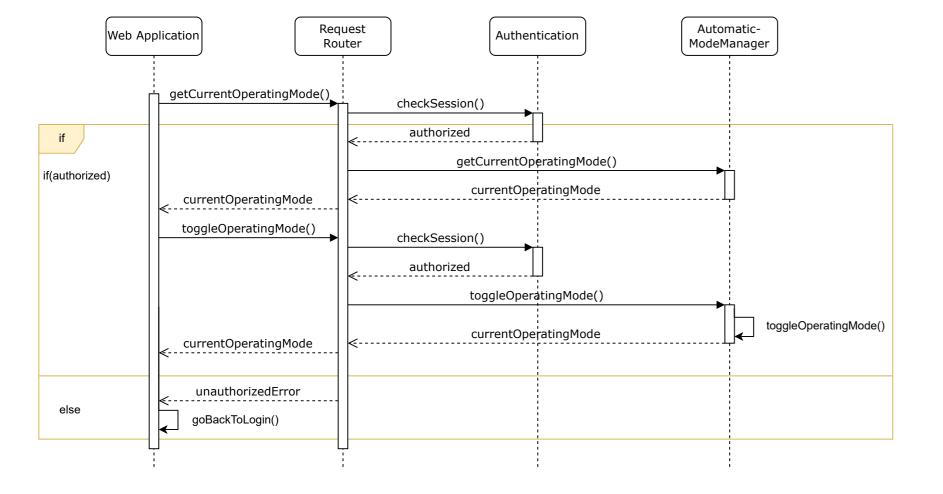USER DOES NOT SHOW UP FOR A BOOKED CHARGE

CPO LOGIN INTO CPMS

CPO GETS DSO ENERGY PRICE AND MIX

Note: an invalid CSID simply results in no data being return back and no modifications being applied

CPO TOGGLES OPERATING MODE

```
  Web Application      Request          Authentication     Automatic-
                       Router                              ModeManager

         │   getCurrentOperatingMode()  │                      │
         │────────────────────────────▶ │   checkSession()     │
         │                              │────────────────────▶ │
   ┌─if──┴──────────────────────────────┴──────authorized──────┴──────────────────┐
   │     │                              │◀ - - - - - - - - - - │                    │
if(authorized)                          │  getCurrentOperatingMode()                │
   │     │                              │─────────────────────────────────────────▶│
   │     │      currentOperatingMode    │        currentOperatingMode               │
   │     │◀ - - - - - - - - - - - - - - │◀ - - - - - - - - - - - - - - - - - - - - -│
   │     │     toggleOperatingMode()    │                                           │
   │     │────────────────────────────▶ │   checkSession()                          │
   │     │                              │─────────────────────▶│                    │
   │     │                              │◀ - - -authorized - - │                    │
   │     │                              │  toggleOperatingMode()                    │
   │     │                              │─────────────────────────────────────────▶│ toggleOperatingMode()
   │     │     currentOperatingMode     │        currentOperatingMode               │◀┐
   │     │◀ - - - - - - - - - - - - - - │◀ - - - - - - - - - - - - - - - - - - - - -│ │
   ├─────┼──────────────────────────────┼───────────────────────────────────────────┤
   │     │◀ - -unauthorizedError - - - - │                                           │
 else    │  goBackToLogin()             │                                           │
   │     │◀┐                            │                                           │
   └─────┴──┴─────────────────────────────────────────────────────────────────────┘
```

Web Application   Request Router   Authentication   Automatic-ModeManager

getCurrentPolicy()
checkSession()
authorized

if

if(authorized)

getCurrentPolicy()
currentPolicy
currentPolicy
updatePolicy(policy)
checkSession()
authorized
updatePolicy(policy)

if

storeAndApplyPolicy(policy)

if(policy is valid)
currentPolicy
currentPolicy

else
invalidPolicyError
invalidPolicyError

else
unauthorizedError
goBackToLogin()