Login

Diagram 1 (doGet / Login page rendering):

- doGet() → GetLogin
- GetLogin → Request: getSession()
- Request --> GetLogin: session
- GetLogin → Session: getAttribute("success")
- Session --> GetLogin: success
- GetLogin → Session: removeAttribute("success")
- GetLogin → Session: getAttribute("error")
- Session --> GetLogin: error
- GetLogin → WebContext ctx: setVariable("error",error)
- GetLogin → WebContext ctx: setVariable("success",success)
- GetLogin → TemplateEngine: process("/WEB-INF/index.html",ctx, response.getWriter())
- TemplateEngine --> : login page

Diagram 2 (doPost / CheckLogin):

- insert username and password → index.html
- index.html → CheckLogin: doPost()
- CheckLogin → @EJB UserService: getClient(username,password)
- @EJB UserService --> CheckLogin: user
- alt [user==null]
  - CheckLogin → @EJB UserService: getEmployee(username,password)
  - @EJB UserService --> CheckLogin: user
- CheckLogin → Session: setAttribute("user",user);
- CheckLogin → Session: getAttribute("subscription")
- Session --> CheckLogin: subscription
- alt [Client]
  - alt [subscription != null]
    - CheckLogin --> index.html: redirect to GetConfirmationPage
  - [else]
    - CheckLogin --> index.html: redirect to GetUserHomePage
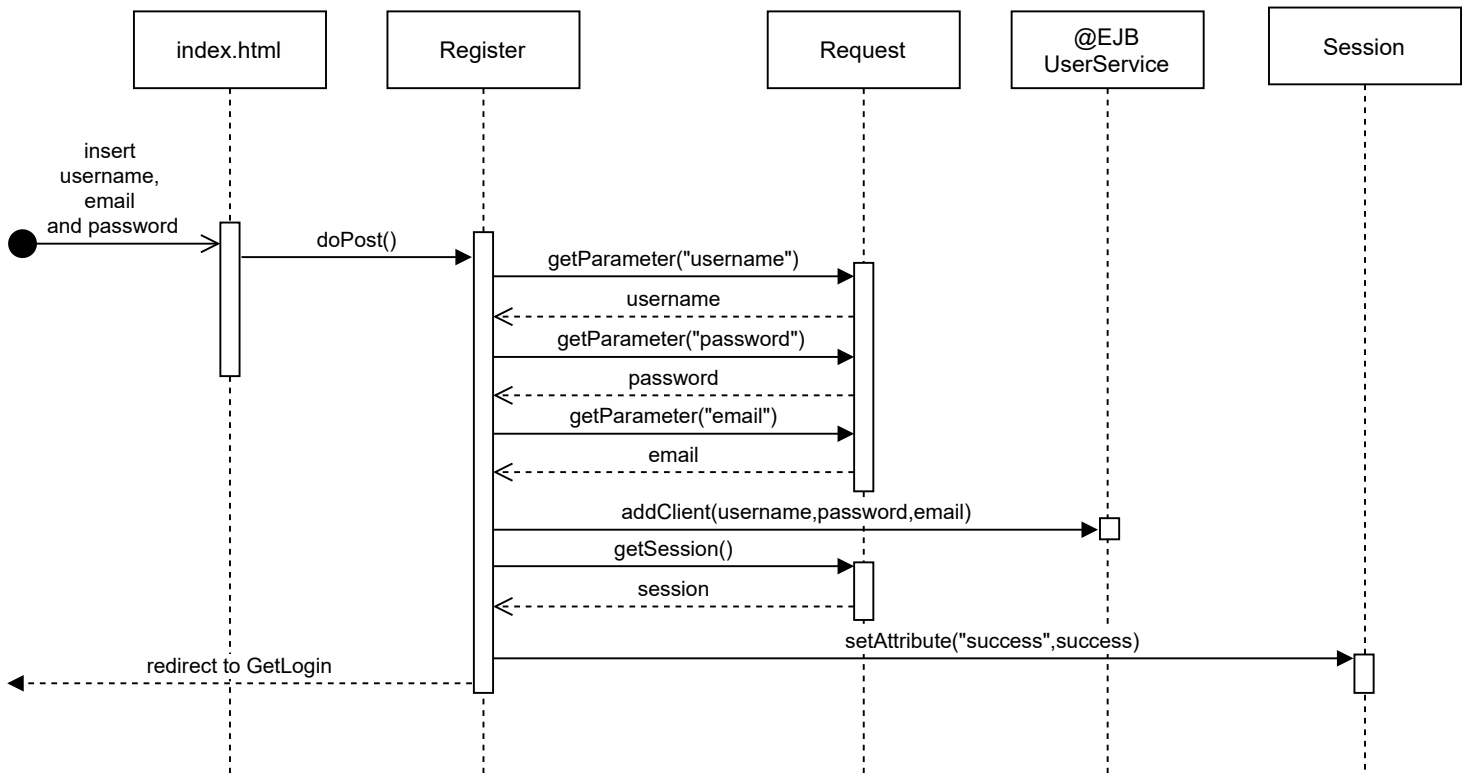- [Employee]
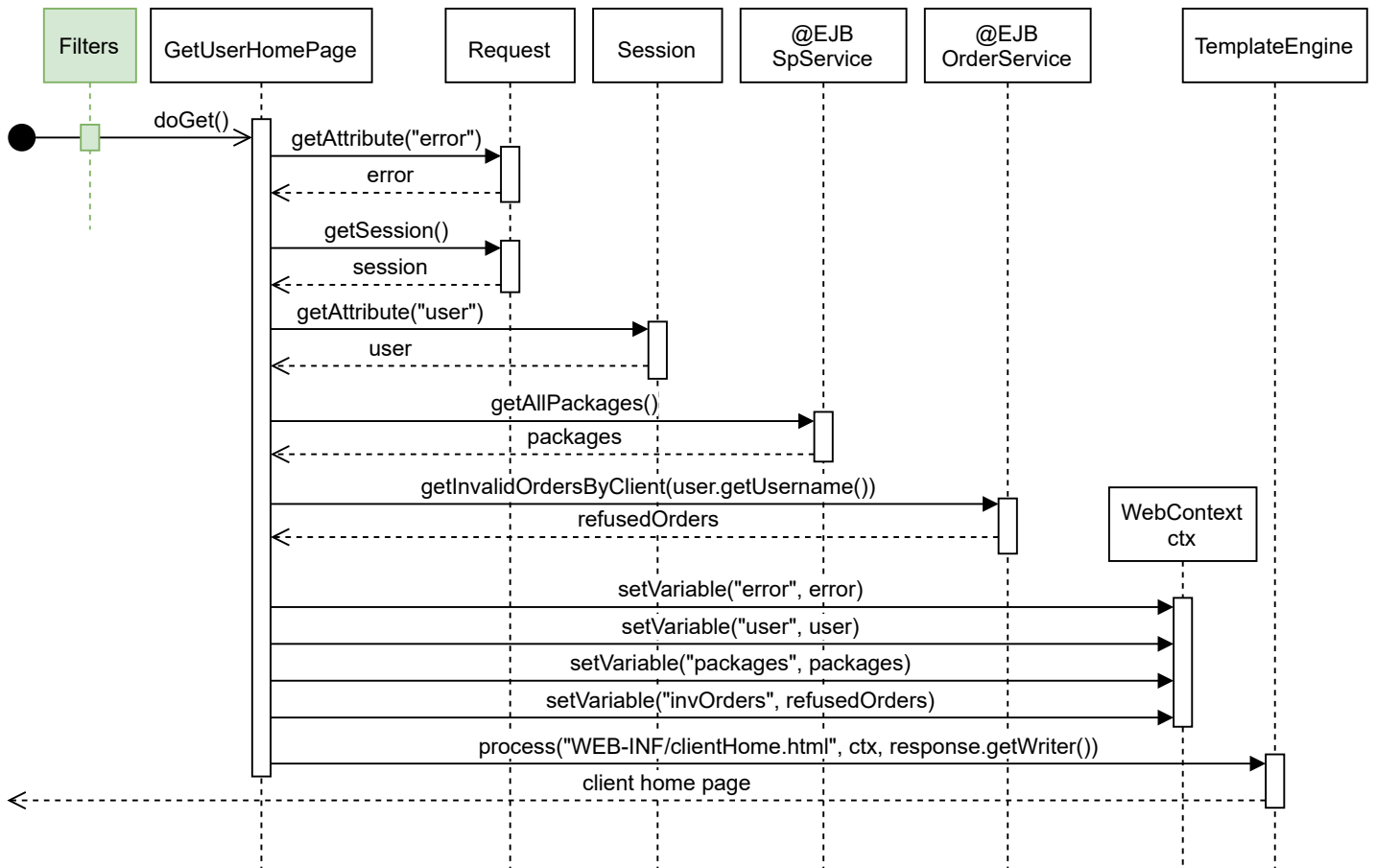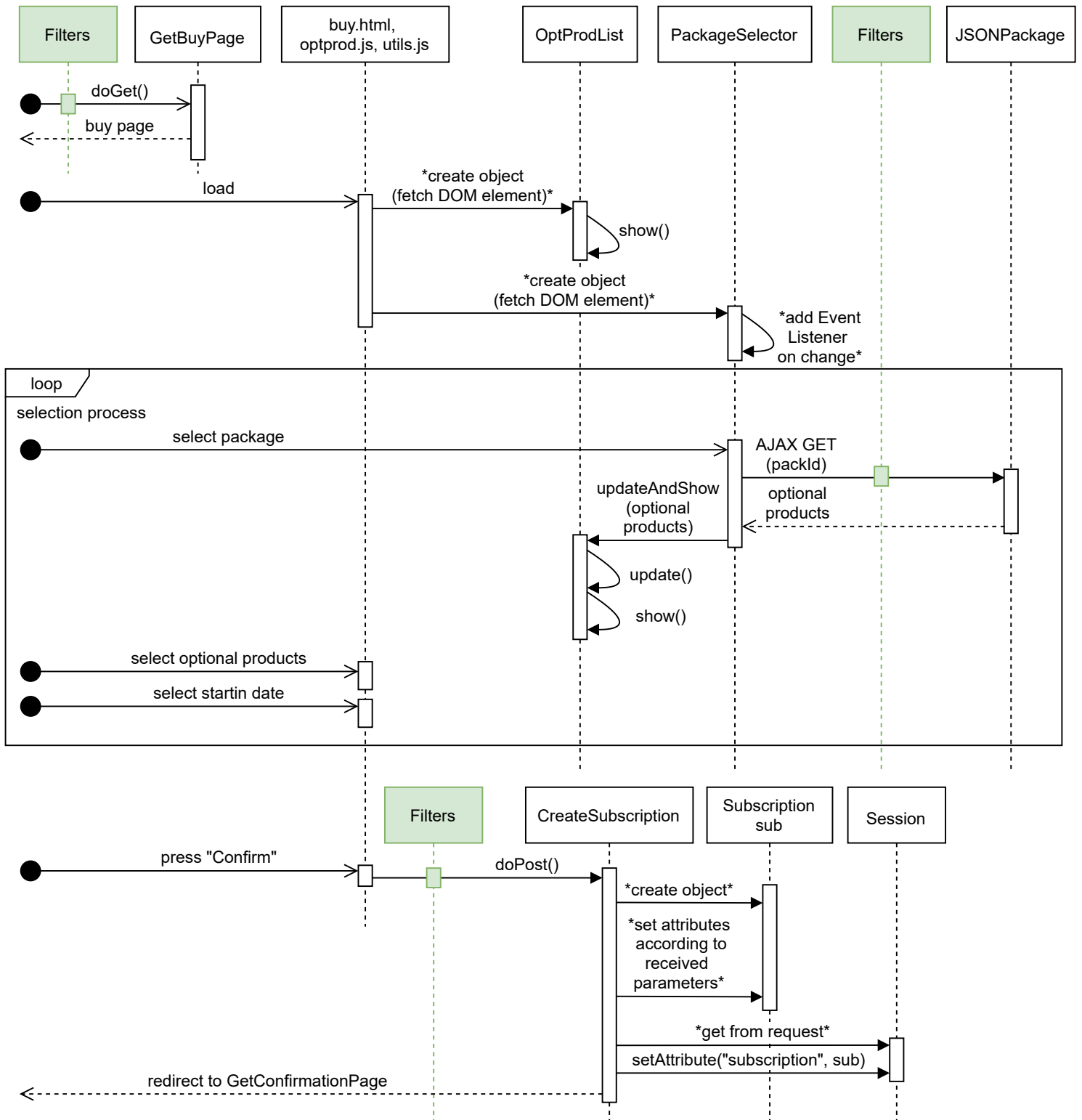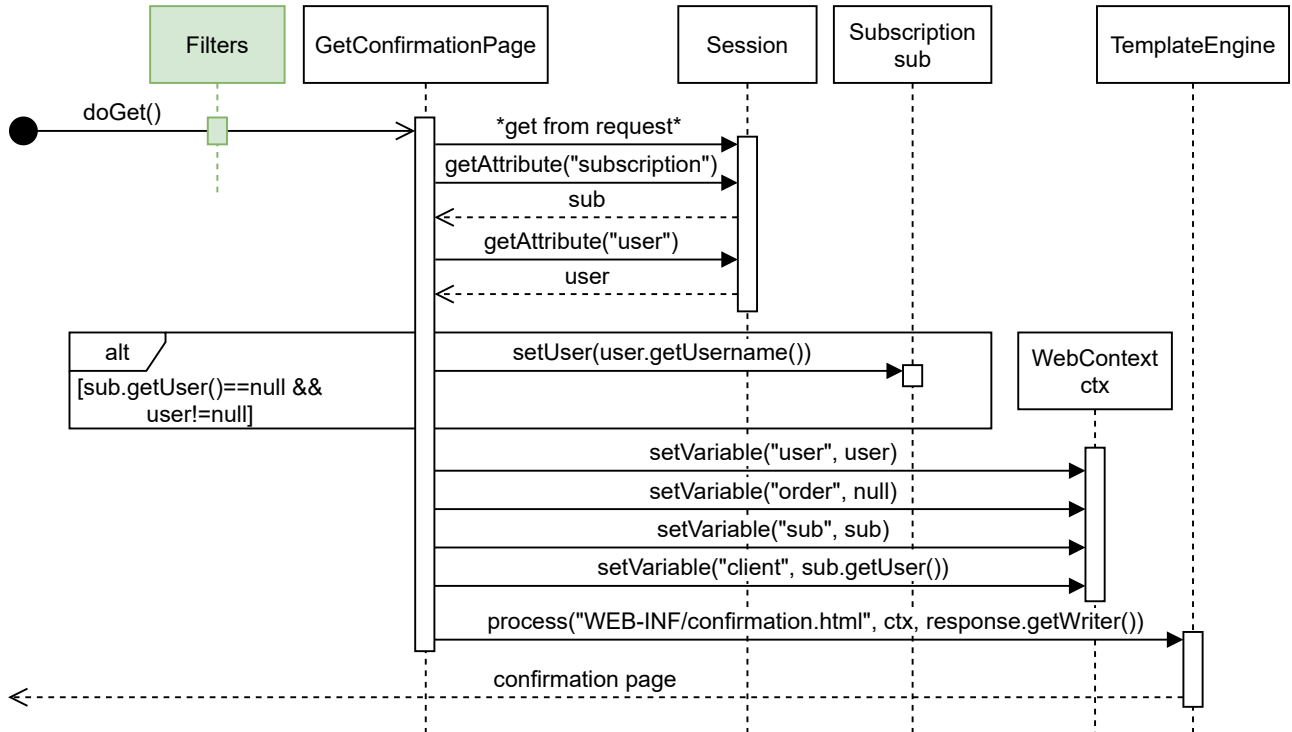 - CheckLogin --> index.html: redirect to GetEmployeeHomePage
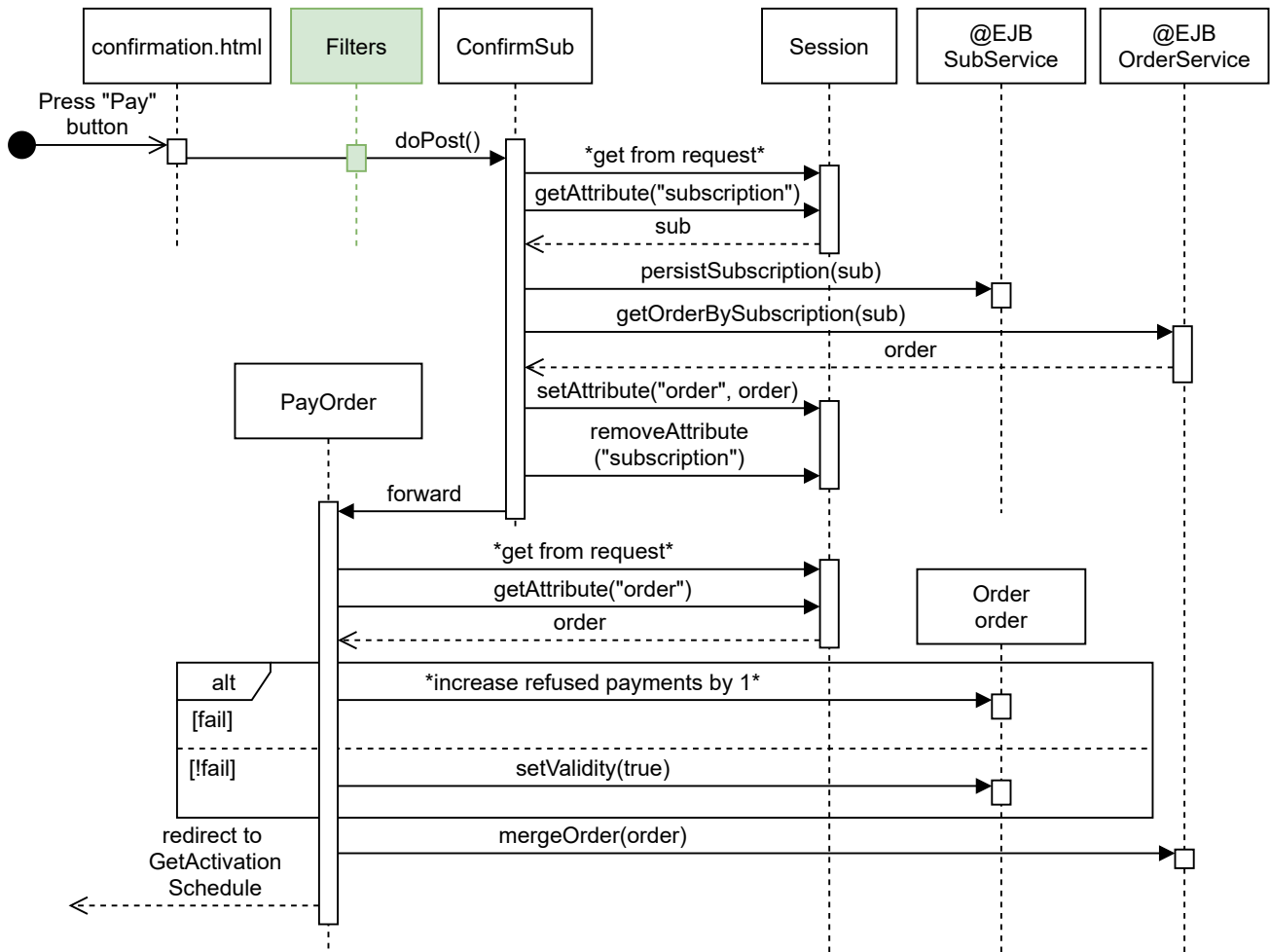
Register

Client home page loading
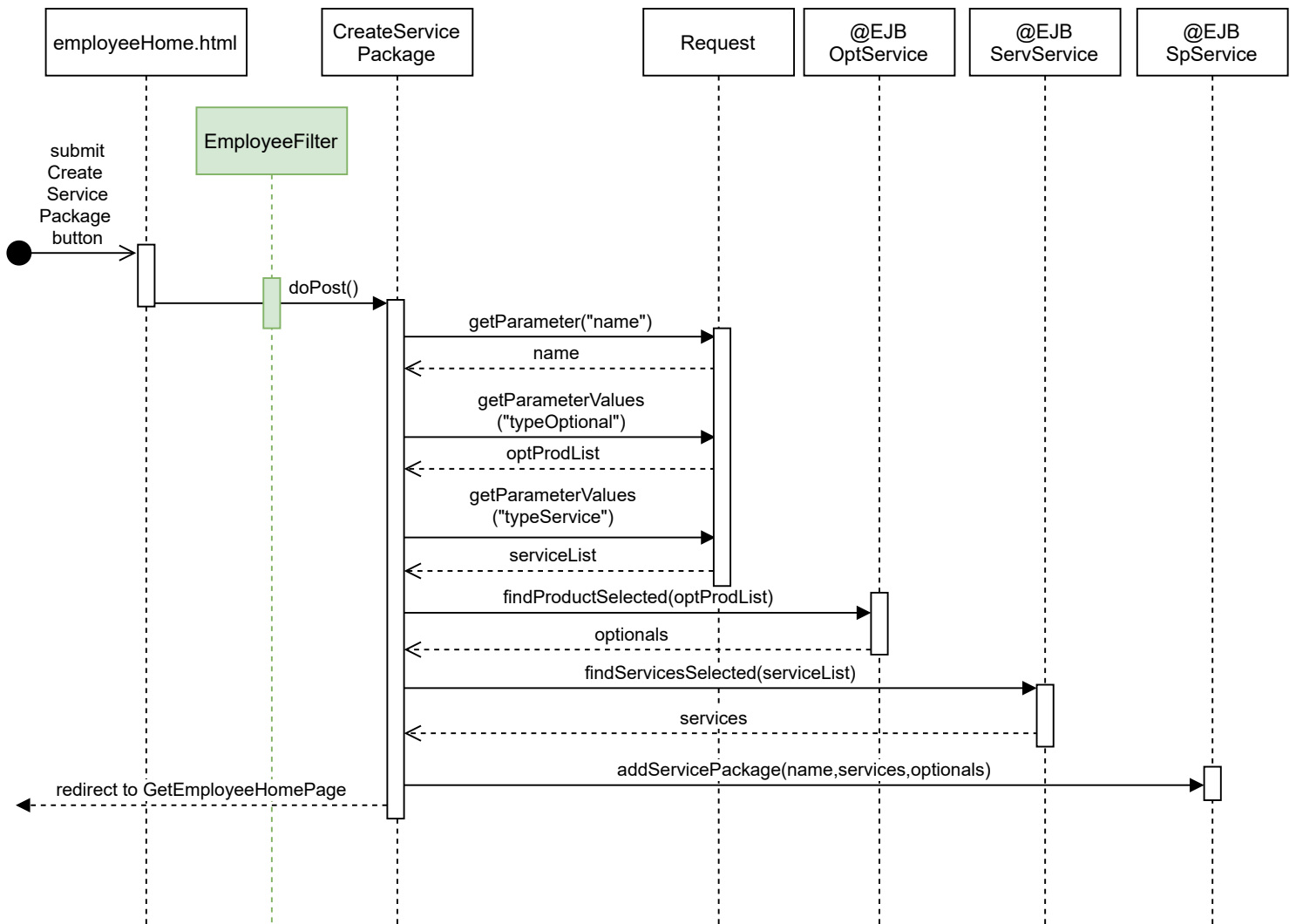
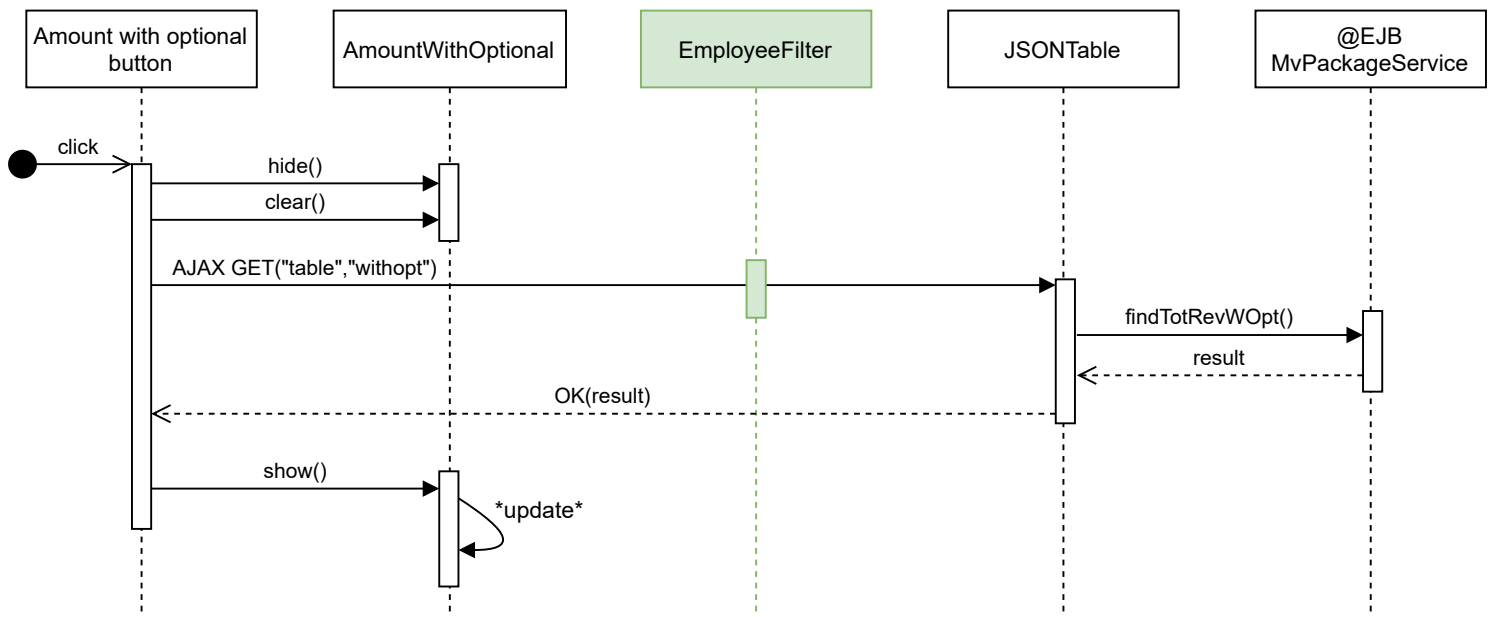# Package selection and subscription creation

Getting subscription page

Subscription confirmation and order payment

Create service package

See sales details (example: amount with optional product)

Logout

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                    ┌──────────┐              ┌──────────┐
                    │  Logout  │              │ Session  │
                    └──────────┘              └──────────┘
              click      │        *get from request*  │
         ●──────────────▶█───────────────────────────▶█
   ┌─────────┐           █   removeAttribute("user")  █
   │ alt  ╲  │           █───────────────────────────▶█
   │      ╱  │           █ removeAttribute("subscription")
   │[session!=null]      █───────────────────────────▶█
   │                     █   removeAttribute("order")  █
   │                     █───────────────────────────▶█
   │                     █ ⮐*create success           █
   │                     █   message *                 █
   │                     █  setAttribute("success", success)
   │                     █───────────────────────────▶█
   │  redirect to GetLogin                             █
   ◀┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄┄█                             │
                         │                             │
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