registration a new user   /register
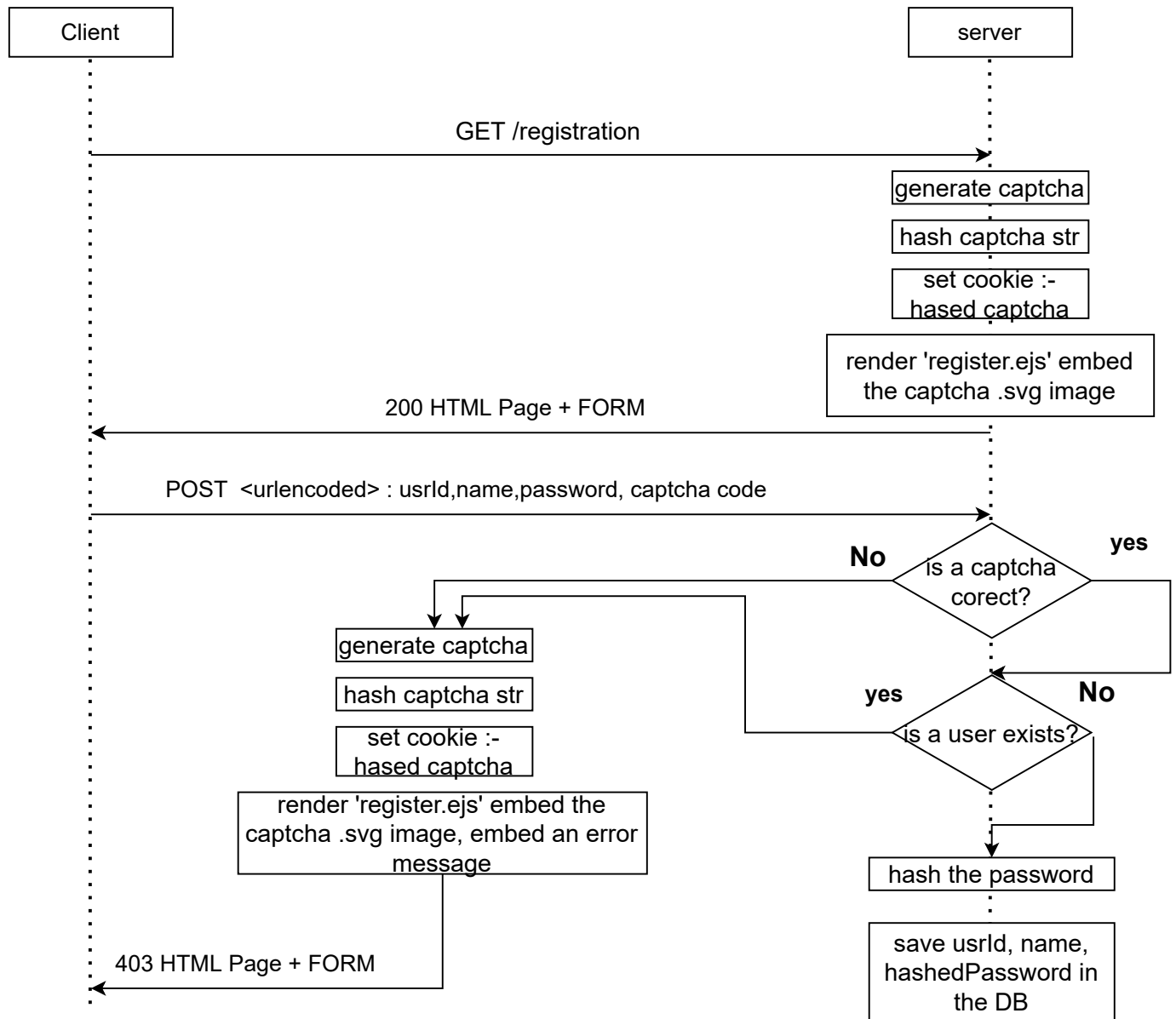
Client		server

GET /registration

generate captcha

hash captcha str

set cookie :-
hased captcha

render 'register.ejs' embed
the captcha .svg image

200 HTML Page + FORM

POST <urlencoded> : usrId,name,password, captcha code

No is a captcha corect? **yes**

generate captcha

hash captcha str

set cookie :-
hased captcha

render 'register.ejs' embed the
captcha .svg image, embed an error
message

yes is a user exists? **No**

hash the password

save usrId, name,
hashedPassword in
the DB

403 HTML Page + FORM

Log in /login

client		server

GET /login

200 HTML form

POST usrId, password

No is a user exists? **yes**

hash a
password

set 401 status

render login_error_ejs

No is a hash correct? **yes**

encrypt name+time

write a result in the cookie

write s session status in the DB

401 HTML form

200 redirect to '/'

redirect to the start page