Spring Boot – Adding Spring Security to the application

Adding a Configuration file – WebSecurityConfig.java -> config folder

```
package org.studyeasy.SpringStarter.config;
import org.springframework.context.annotation.Bean;
import org.springframework.context.annotation.Configuration;
import
org.springframework.security.config.annotation.method.configuration.EnableMethodSecurity;
import org.springframework.security.config.annotation.web.builders.HttpSecurity;
import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;
import org.springframework.security.web.SecurityFilterChain;

@Configuration
@EnableWebSecurity
@EnableMethodSecurity(prePostEnabled = true, securedEnabled = true)
public class WebSecurityConfig {
    private static final String[] WHITELIST = {
        "/",
        "/login",
        "/register",
        "/db-console/**",

        //Allow all the css and other resources
        "/css/**",
        "/fonts/**",
        "/images/**",
        "/js/**"
    };
    @Bean
    public SecurityFilterChain filterChain(HttpSecurity http) throws Exception{
        http
        .authorizeHttpRequests(auth -> auth
            .requestMatchers(WHITELIST).permitAll()
            .anyRequest().authenticated()
        )
        .formLogin(form -> form
            .loginPage("/login").permitAll()
        )
        .logout(logout -> logout
            .permitAll()
        );
        //TODO: remove these files after upgrading the DB from h2 infile DB
        http.csrf(csrf -> csrf.disable());
        http.headers(headers -> headers.frameOptions(frameOptions -> frameOptions.disable()));
// Disable frame options
        return http.build();
    }}
```