

Online Exam Management

Migration Spring Boot 3.4.2 → 2.7.x

- Changing Jakarta EE to Java EE: changing all Jakarta.* imports to javax.*
- Some libraries used in Boot 3 don't work with Boot 2.7.x and need to version change like Spring Security, Spring Data, etc.
- Should use java 17 or lower versions
- Downgrading Swagger dependency: using springdoc-openapi-ui version 1.6.15 instead of springdoc-openapi-starter-webmvc-ui version 2.x.x
- In Spring Boot 2.7 / Spring Security 5, the UserDetails interface does not provide default implementations for methods like isAccountNonExpired(), isAccountNonLocked(), etc. UserDetails.super only exists in Security 6
- Changing SecurityConfig: WebSecurityConfigurerAdapter is extended in Spring Security 5.x (Boot 2.7) instead of SecurityFilterChain bean – old lambda style is used (.csrf().disable()) - Overriding authenticationManagerBean() – using authorizeRequests() instead of authorizeHttpRequests() for auth roles – configuring Auth provider bean via AuthenticationManagerBuilder
- @Temporal not supported on LocalDate or LocalDateTime: @Temporal only works with java.util.Date or java.util.Calendar