

W3D3: Quiz

CS544 Enterprise Architecture

1. What is the difference between the @NotEmpty and @NotBlank validation annotations:

Blank string contains characters (just spaces, tabs, newlines) while empty string contains nothing. @NotBlank therefore does extra checks

2. Why is the order in which you specify security .antMatcher() methods important?

The order is important because the moment it finds something that matches it stops going further down the list.

3. Explain why the entities classes are the best place for validation annotations:

Share the validation in different layers. They hold the data, which is what needs to be validated

4. Write a IceCreamController Spring MVC controller class that uses validation. Include the following methods: getAll(), get(), add(), update()

```
@Controller
public class IceCreamController {
    @Autowired
    private IceCreamDao icd;

    @GetMapping("/IceCreams")
    public String getAll(Model model) {
        model.addAttribute("iceCreams", icd.findAll());
        return "iceCreamList";
    }

    @GetMapping("/IceCreams/{id}")
    public String get(@PathVariable int id, Model model) {
        if (!model.containsAttribute('iceCream')) {
            model.addAttribute("iceCream", icd.findById(id).get());
        }
        return "iceCreamDetail";
    }
}
```

```

@PostMapping("/IceCreams/add")
public String add(@Valid IceCream iceCream, BindingResult result,
    RedirectAttributes attr) {
    if (result.hasErrors()) {
        attr.addFlashAttribute(
            "org.springframework.validation.BindingResult.iceCream", result);
        attr.addFlashAttribute("iceCream", iceCream);
        return "redirect:/iceCreams/add";
    } else {
        icd.save(iceCream);
        return "redirect:/IceCreams";
    }
}

```

```

@PostMapping("/IceCreams/{id}")
public String update(@Valid IceCream iceCream, BindingResult result) {
    if (result.hasErrors()) {
        attr.addFlashAttribute(
            "org.springframework.validation.BindingResult.iceCream", result);
        attr.addFlashAttribute("iceCream", iceCream);
        return "redirect:/iceCreams/{id}";
    } else {
        icd.save(iceCream);
        return "redirect:/IceCreams";
    }
}

```

```

}

```