

30 FindSportsMates

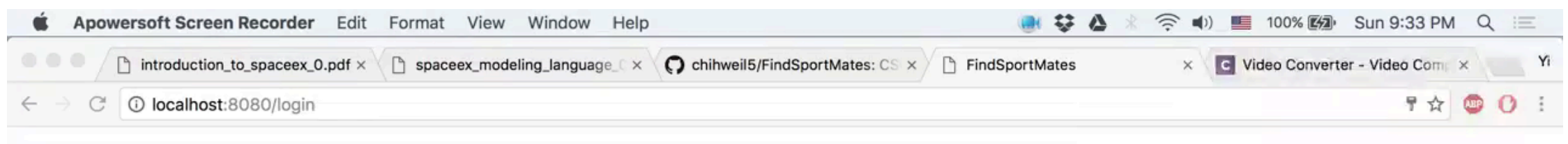
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FindSportsMates

- Goal: To provide a platform where CU people can find a group to play with for a certain sport.
- Demo User cases:
 1. Log in
 2. Browse current events (sport/time/place)
 3. Join an event
 4. Create an event
 5. Search events
 6. Search users



Login

User Name:

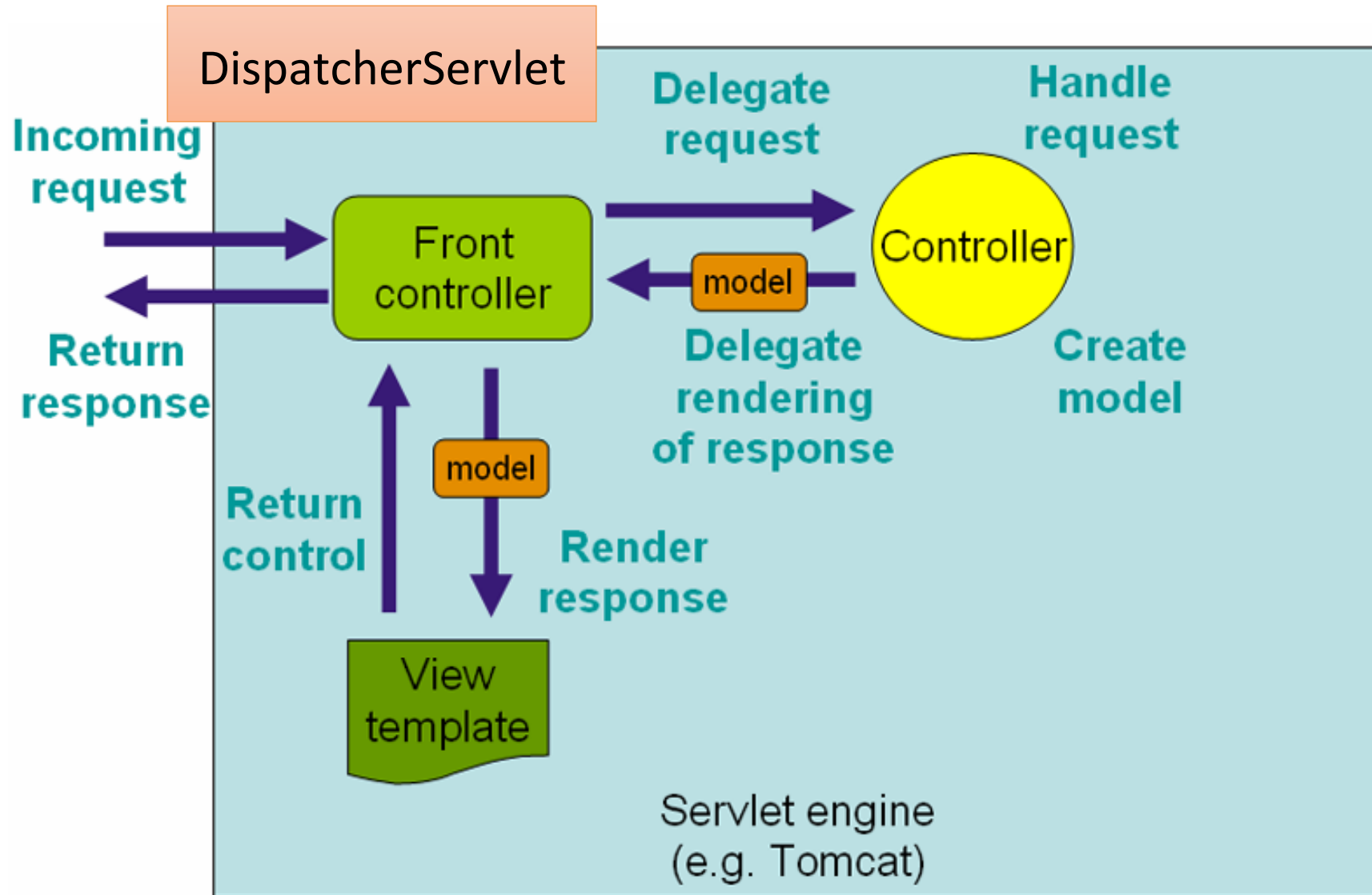
Password:

Login

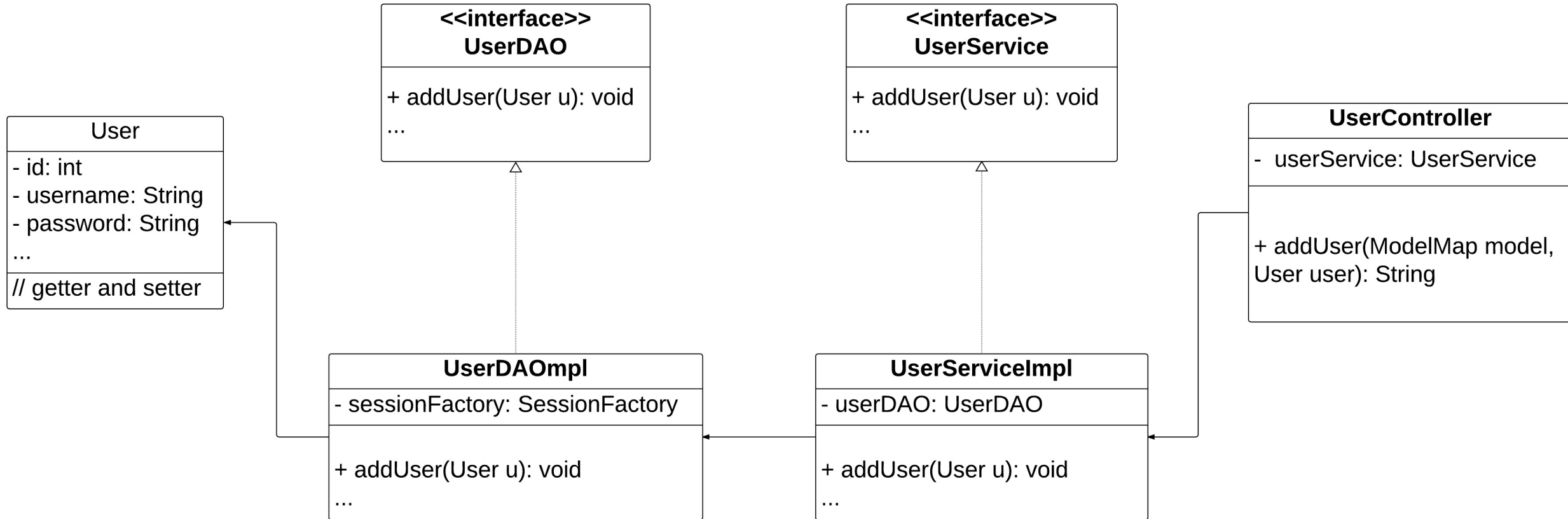
MVC Design Pattern

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Spring MVC



Class Diagram



What we learned

- Spring Web MVC
- Hibernate

Spring Web MVC

Example in UserController.java

1. `@Controller`
2. `@SessionAttributes("userid")`
`public class UserController {`

 `private UserService userService;`

- 3. `@Autowired(required = true)`
`@Qualifier(value = "userService")`
 `public void setUserService(UserService us) {`
 `this.userService = us;`
 `}`

Hibernate Annotation

1. `@ManyToMany(fetch = FetchType.LAZY, mappedBy = "participants")`
`private Set<Event> events = new HashSet<Event>(0);`
2. `@RequestMapping(value = "/register", method = RequestMethod.GET)`
`public String showRegisterPage(ModelMap model){`
 `model.addAttribute("user", new User());`
 `return "register";`
`}`

`public class User {`- 3. `@Id`
`@GeneratedValue(strategy=GenerationType.IDENTITY)`
`@Column(name = "userid")`
`private int id;`

Link of the record (DEMO)

goo.gl/jaTDmB

Thank you