

# IPet – Groomer Shop



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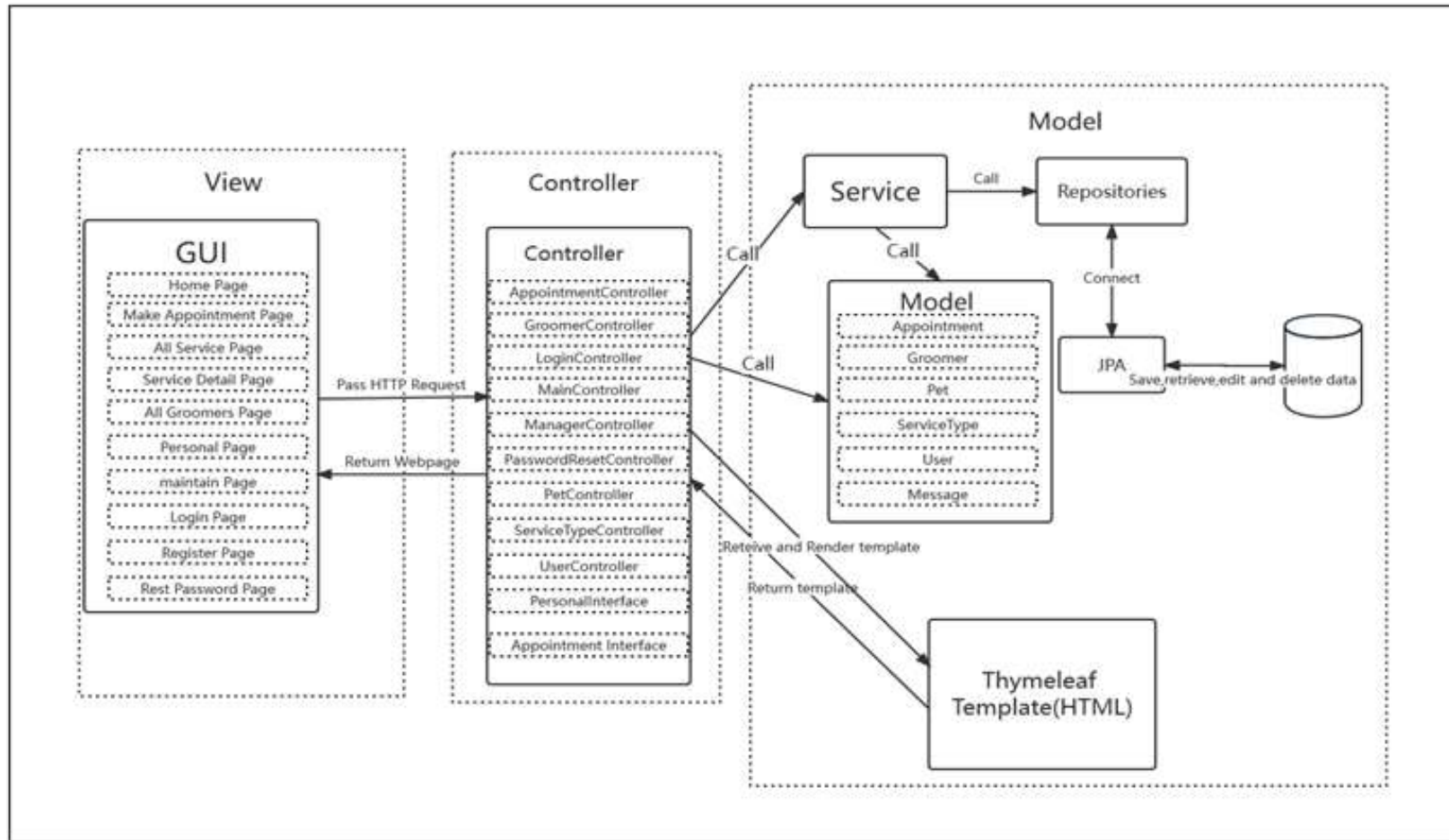
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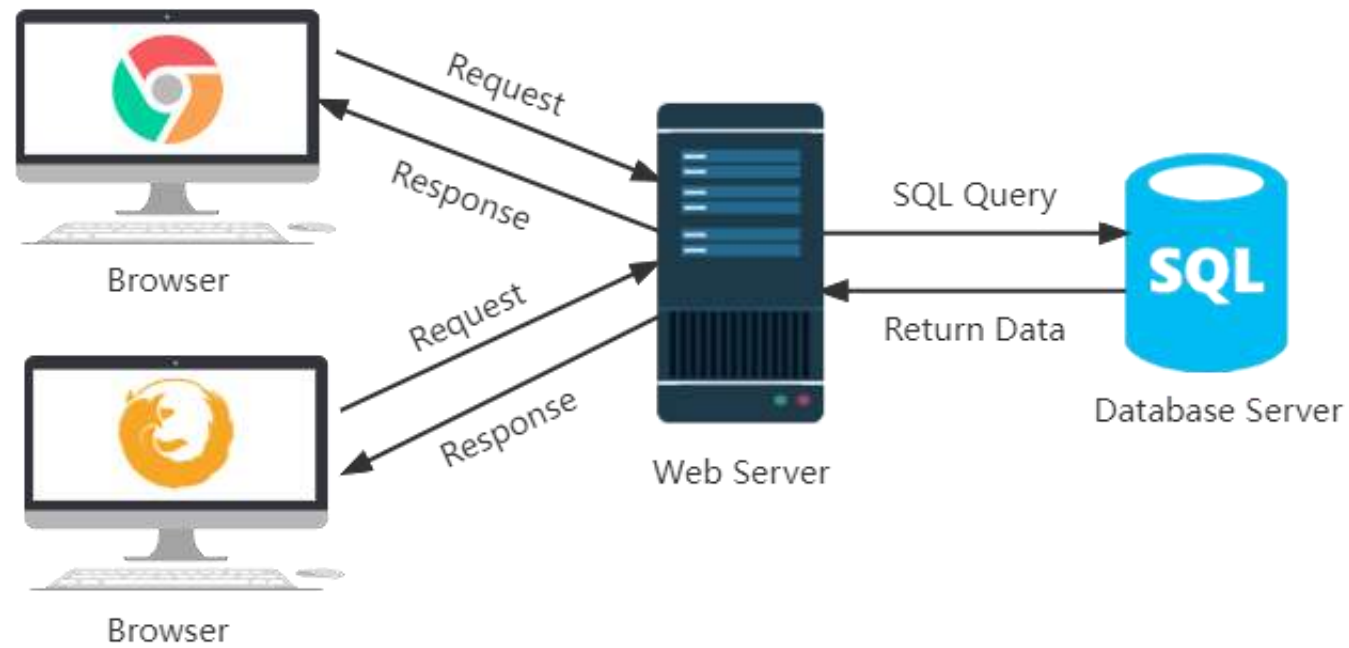
# Architectural Design



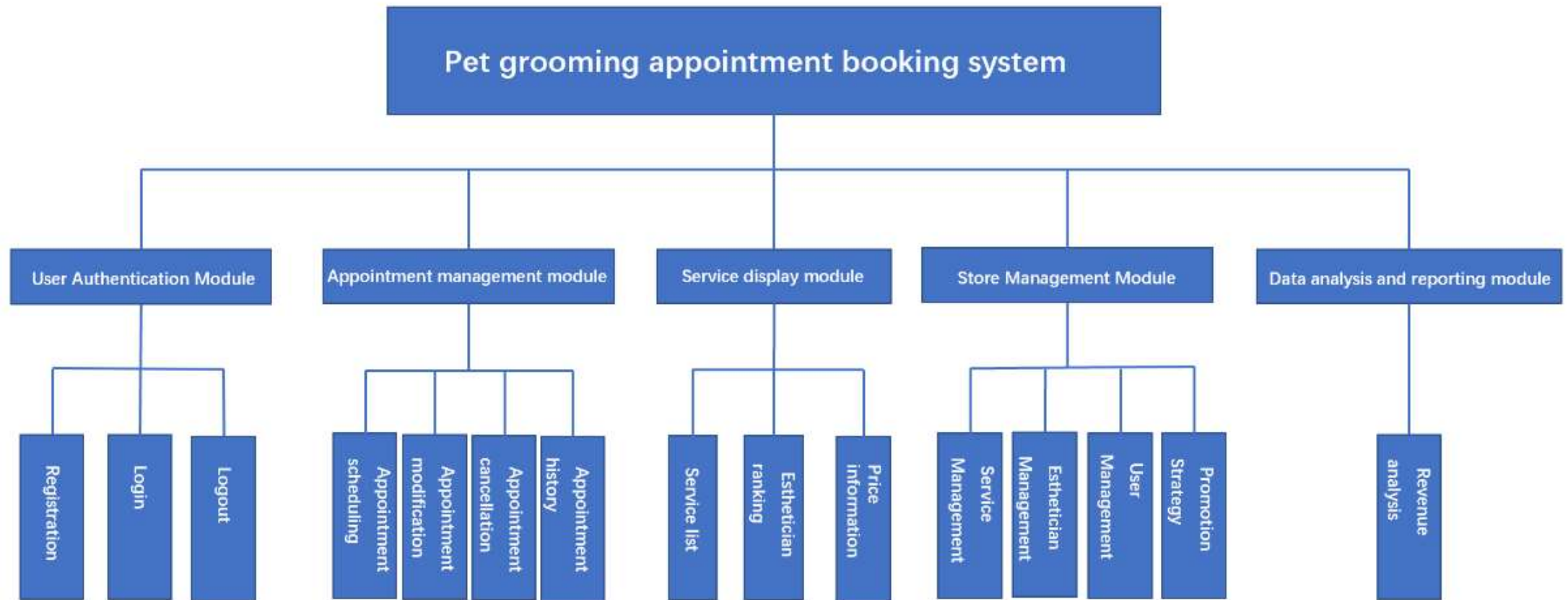
# MVC Pattern



# Browser/Server Pattern

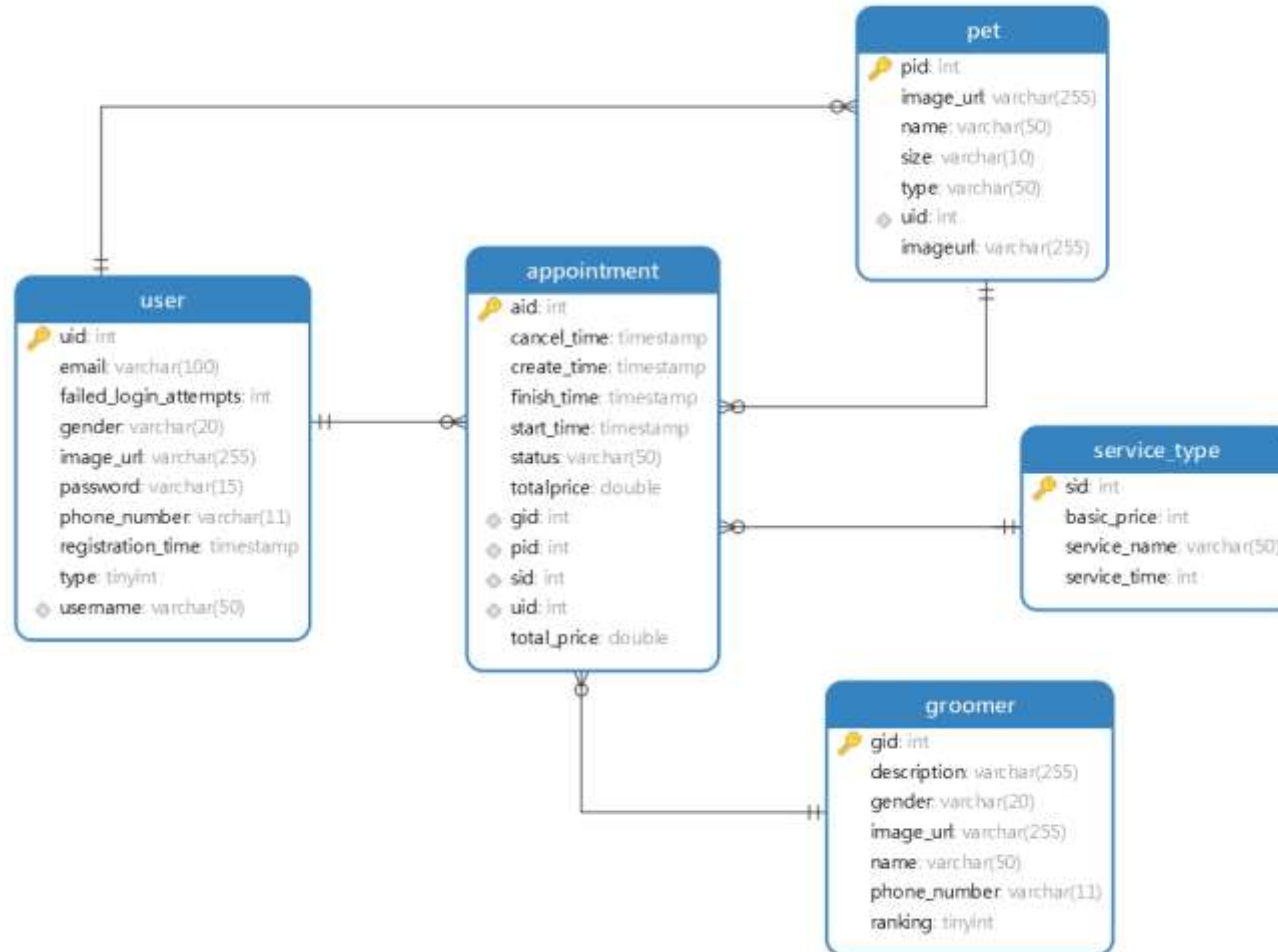


# System Module





# Database Design



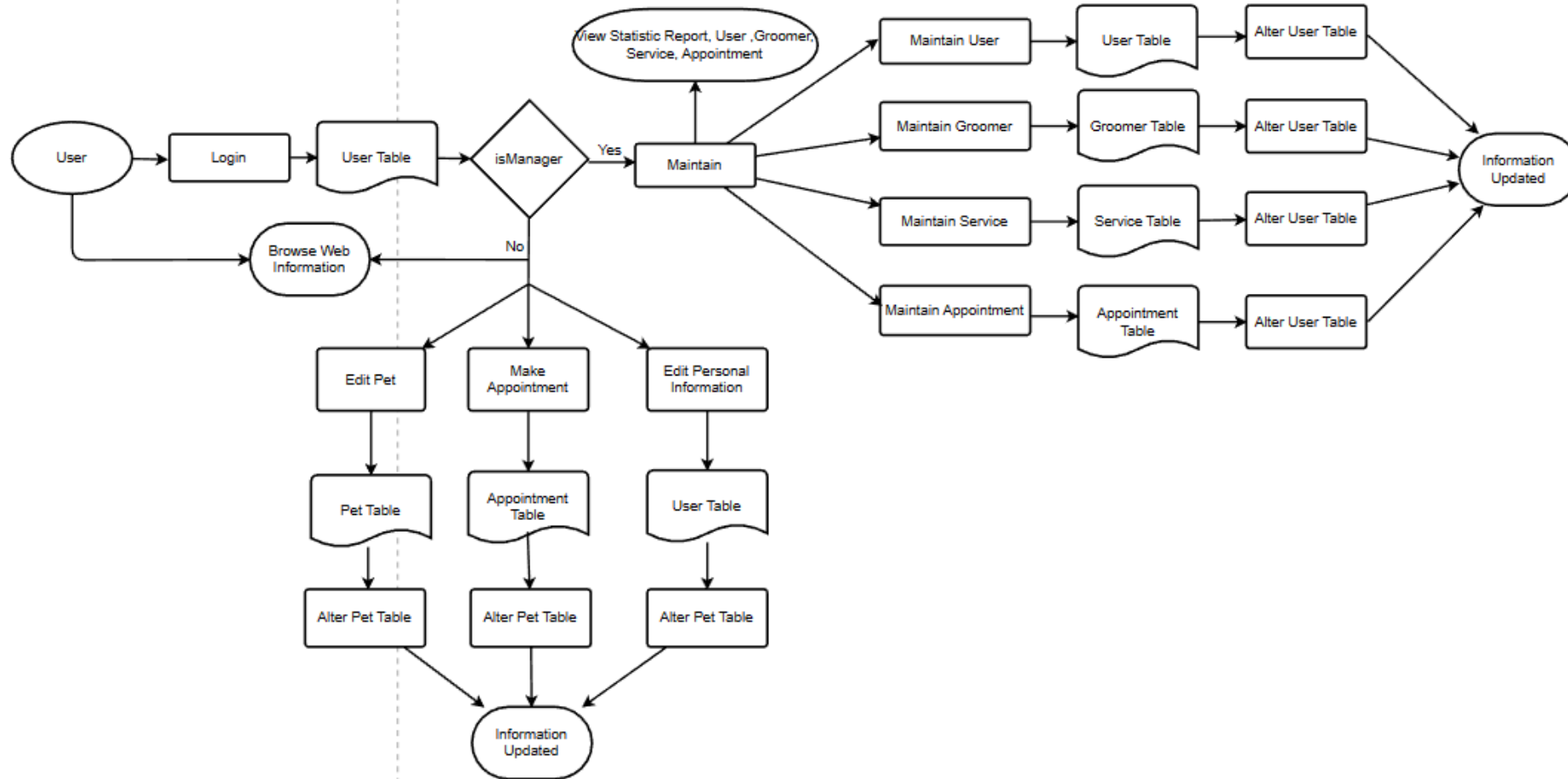
# 02

## Software Design





# Entity-Relationship Diagram

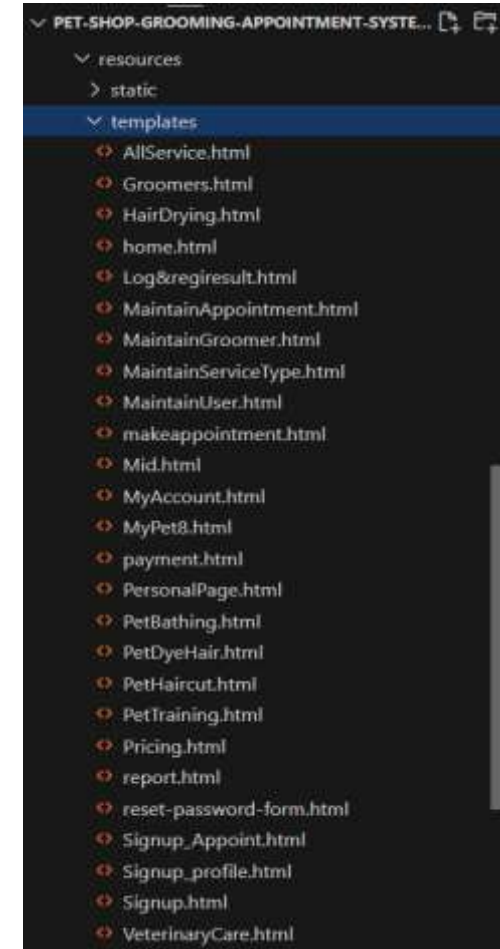


# Code Structure

Model-View- Controller:



Pages of the system:



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# Software Testing



# Unit Test

```
appointment_system 2.7s
├── com.cpt202.appointment_system.IntegrationTest 0.0ms
├── LoginThenMakeAppointmentTest 27ms
│   └── testLoginThenMakeAppointment_Success() 0.0ms
├── com.cpt202.appointment_system.UnitTest 2.4s
├── AppointmentRepoTest 394ms
│   ├── testShouldMakeAppointment_Success() 16ms
│   ├── testShouldMakeAppointment_Success1() 178ms
│   ├── testShouldMakeAppointment_WrongUser() 1ms
│   ├── testShouldMakeAppointment_WrongUser1() 0ms
│   ├── testShouldMakeAppointment_WrongGroomer() 0ms
│   ├── testShouldMakeAppointment_WrongGroomer1() 0ms
│   ├── testShouldMakeAppointment_WrongPet() 71ms
│   ├── testShouldMakeAppointment_WrongPet1() 1ms
│   ├── testShouldMakeAppointment_WrongService() 0ms
│   ├── testShouldMakeAppointment_WrongService1() 0ms
│   ├── testShouldCancelAppointment_Success() 4.0ms
│   ├── testShouldCancelAppointment_Success1() 4.4ms
│   ├── testShouldCancelAppointment_Success2() 5.4ms
│   ├── testShouldCancelAppointment_Success3() 6.4ms
│   ├── testShouldNotCancelAppointment_NoSuchAppo() 0ms
│   ├── testShouldNotCancelAppointment_NoSuchAppo1() 0ms
│   ├── testShouldNotBeOverlap() 6.0ms
│   ├── testShouldBeOverlap() 5.0ms
│   ├── testShouldModifyAppointment_Success() 5.0ms
│   ├── testShouldModifyAppointment_NoSuchAppo() 0ms
│   └── testShouldListAllSuitableAppointment_Success() 0ms
├── EmailServiceImpTest 51ms
│   └── sendSimpleMessageTest() 51ms
├── EmailServiceTest 10ms
│   ├── testAddService() 2.0ms
│   ├── testGetAllServiceTypes() 2.0ms
│   ├── testUpdateServiceType() 2.0ms
│   ├── testDeleteServiceTypeById() 2.0ms
│   └── testSearchServiceTypeByName_M0() 2.0ms
├── GroomerControllerTest 5.0ms
│   └── testGetRandomFourGroomers_C0() 5.0ms
```

```
GroomerControllerTest 5.0ms
├── testGetRandomFourGroomers_C0() 5.0ms
├── GroomerServiceTest 104ms
│   └── testListAllGroomers() 104ms
├── LoginServiceTest 20ms
│   ├── testLoginUser_Success() 3.0ms
│   ├── testLoginUser_WrongPassword() 4.0ms
│   ├── testRegisterUser_UsernameExists() 4.0ms
│   ├── testRegisterUser_EmailExists() 4.0ms
│   └── testRegisterUser_Success() 5.0ms
├── ManagerControllerTest 350ms
│   ├── testShowMaintainUserPage() 3.0ms
│   ├── testSearchUserByKey() 6.0ms
│   ├── testShowMaintainGroomerPage() 323ms
│   ├── testDeleteGroomer() 6.0ms
│   ├── testUpdateGroomer() 6.0ms
│   └── testSearchGroomer() 6.0ms
├── PetServiceTest 1.0ms
│   └── testListAllPets() 1.0ms
├── ServiceTypeServiceTest 12ms
│   ├── testAddService() 2.0ms
│   ├── testGetAllServiceTypes() 2.0ms
│   ├── testUpdateServiceType() 3.0ms
│   ├── testDeleteServiceTypeById() 2.0ms
│   └── testSearchServiceTypeByName_M0() 2.0ms
├── UserControllerTest 1.0ms
│   ├── testAddService() 14ms
│   ├── testGetAllServiceTypes() 1.5ms
│   ├── testUpdateServiceType() 5.0ms
│   ├── testDeleteServiceTypeById() 11ms
│   └── testSearchServiceTypeByName_M0() 10ms
├── UserServiceTest 111ms
│   ├── testListAllCustomers_M0() 95ms
│   ├── testSearchCustomerByName_M0() 4.0ms
│   ├── testSearchGroomerByName_C0() 4.0ms
│   ├── testUpdateUser() 4.0ms
│   └── testViewProfile_C0() 4.0ms
```

# Integration Test

- Postman
- Junit
- Mockito

# Acceptance Test



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## Software Demonstration



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Thanks!!!

