=> I'm trying to implement JWT login and registration for my admin service. Can you provide full working code with proper token generation, validation, and secured routes using Spring Security?

 => Can you explain how to create and verify JWT token for my vendor login system using Spring Boot 3.1? Also, include refresh token support if possible.

 => I'm not getting token after successful login for vendor. What could be wrong in my authentication filter or controller code?

=> Please help me configure Spring Security so that only authenticated admins with ROLE_ADMIN can access certain endpoints using JWT bearer token.

 => I'm getting 403 Forbidden error when I access admin API with valid JWT. What configuration might be missing or wrong in SecurityConfig?

 => How do I add JWT expiration time and handle token expiry in Spring Boot? Also, show the exception handling for expired tokens.

=> JWT filter not triggering on incoming requests to my vendor APIs. Am I missing any spring boot config for filter registration or mapping?

=> Pls give code for logout endpoint using jwt token, like blacklist token or invalidate it with Redis or other way.

=> Is there a way to create a /verify-token endpoint that returns user details if the token is valid? I want this for internal checks.

=> Can u give complete SecurityConfig class using JWT, where I secure all APIs and enable method-level security for admin and vendor roles?

=> I want to allow vendor to register and store their info in a pending table. Admin should be able to approve or reject the vendor from dashboard or API.

=> How to design a system where vendor sends registration and admin sees list of pending vendors, then can approve and promote them to full vendor access?

=> Only admin should see all vendor list. Normal vendor should only see his own data. How to control this access in Spring Boot?

=> Pls give code where admin can approve or reject vendor registration. On approval, move to `vendors` table. If rejected, delete the record.

=> I want admin to get notified when a vendor registers, through email and dashboard alert. How can I do that with Notification module?

=> I need help writing the API for getting all pending vendors, sorted by registration date. This API should be accessible only to ROLE_ADMIN.

=> How can I send OTP via email and SMS when vendor registers using external Notification service? I use RestTemplate to call the notification microservice.

=> Can you give me the RequestBody format to call notification API for sending OTP to vendor's phone and email address?

=> My HTML email template is showing raw HTML tags in Gmail when sending OTP mails. What setting should I change in email sender configuration?

=> If OTP expires in 2 minutes, how can I handle the case when vendor submits the expired OTP? Show error handling in controller.

=> I want vendor registration to automatically call the notification module to send OTP. How to chain this process using service-to-service call?

=> How can I call the notification service from admin module using FeignClient with auth token attached? Show sample config and call method.

=> When vendor register, I want to notify admin via email from notification service. How can I trigger that using RestTemplate call?

=> I call Notification service from VendorService, but getting 401 Unauthorized. I am sending token in headers. What else can I check?

=> Should I use FeignClient or RestTemplate in Spring Boot 3 for calling between microservices like AdminService and NotificationService?

=> How do I send Authorization header containing JWT while calling NotificationService from AdminService? Show proper header configuration with RestTemplat

=> I am able to login successfully, but calling secure endpoints gives 401 error. Token looks valid. What could be causing this?

=> Can you write JUnit test for admin registration method with OTP and email notification mocked using Mockito?

=> I need help writing a test case that verifies OTP is sent via notification service when a new vendor registers. I'm using MockRestServiceServer.

=> jwt not working in postman, it says token is malformed or invalid - not sure what is causing this, pls help.

=> When deserializing JWT payload, I get "Cannot deserialize value of type 'java.util.Date'". Am I missing any jackson config?

 => Vendor should be able to update his own profile and features like catering, decoration, etc. Only the owner vendor should be allowed. How to enforce that?

 => In vendor controller, how do I extract vendor ID from JWT token to use it in queries? I'm not using @AuthenticationPrincipal.

 => Give me endpoint to update vendor profile with proper request validation and checking if logged-in vendor is updating only their own profile.

 => Vendor should not update other vendors' profiles. What security or checks should I put in controller/service layer to stop that?

=> I want to use a common RegisterRequest DTO for both admin and vendor registration. How to design it cleanly and reuse across modules?'

=> should i use one table for both admin and vendor or separate tables? which is better when using jwt auth and roles?

=> how can i make my register and otp verification reusable for both admin and vendor in clean architecture?

=> I need to handle token expired and invalid JWT errors in a centralized way. Can you show me how to create a global exception handler?

=> How do I return a custom JSON error response when unauthorized user tries to access a secured endpoint with missing or invalid token?

=> "I forgot my admin account password. Please help me create an API that sends OTP via SMS to reset it securely using Spring Boot and Redis.",

 =>   "How to implement a vendor forgot password feature where an OTP is sent to their registered phone number for verification before resetting the password?",

=>   "I'm receiving the OTP in the console but not on the actual mobile device. What configurations should I verify in the SMS provider or notification module?",

=> "Need a complete flow for forgot password API using Spring Boot where OTP is verified from Redis and password reset should send a confirmation email to the admin.",

=> "How do I test the vendor forgot password and reset password flow in Postman including OTP send, verify, and password update with success message?",

=> "Even after the OTP expires, vendors are still able to reset the password. How can I ensure OTP is valid only for a fixed time like 5 minutes?",

=> "After resetting the password, the vendor is unable to log in with the new password. What might be causing this mismatch or failure in encoding or saving?",

=> "Give me Spring Boot code to store OTP in Redis temporarily for vendor reset password request and automatically expire it after 2 minutes.",

=> "I created resetPassword endpoint but it's accepting any random OTP. How can I correctly match the input OTP with stored value from Redis before updating password?",

=> "When the admin enters the correct phone number but wrong OTP, how should I return a proper 401 unauthorized error with a custom message in the response?",

=> "Is there a way to allow the vendor to reset their password using either email or phone based OTP verification? What should the controller method look like?",

=> "Please share full controller and service code for forgot password and reset password endpoints for admin role, including email notification after successful reset.",

=> "How to design a reset password API that first validates OTP sent to the vendor and then allows setting a new password securely using BCrypt?",

=> "Can you provide JSON request samples for forgot-password and reset-password APIs with OTP verification for both admin and vendor use cases in Spring Boot?",

=> "What are the best practices for handling OTP failures and retries during password reset for vendors in production systems using Spring Boot and Redis?",

=> "In my code, the password updates correctly but the login still fails for vendor. Is it due to incorrect encoding or old token being used in headers?",

=> "How to create a common OTP service that handles forgot password for both admin and vendor modules using countryCode and phoneNumber as key in Redis?",

=> "I want the reset password API to invalidate the OTP only after successful password update. Can you show that condition in Spring Boot service layer?",

=> "My Redis key is being created but sometimes returns null during OTP verification. What could be going wrong in OTPService during reset-password request?",

=> "How to configure the OTPService to send the generated OTP to Twilio SMS and fallback to email if mobile delivery fails during forgot password process?"