

Below is high-level information about each of the main Java files within the model answer.

- `src/main/java/com/auth/config/JwtTokenUtil.java`
 - Responsible for creating and validating tokens.
- `src/main/java/com/auth/service/JwtUserDetailsService.java`
 - Implements the Spring Security `UserDetailsService` interface. It is applied to get user details from hardcoded values. The password for a user is stored in encrypted format using BCrypt.
- `src/main/java/com/auth/controller/JwtAuthenticationController.java`
 - This controller exposes a POST API endpoint mapped to `"/authenticate"`. The API receives a username and password in the request body. If the credentials are valid, a token is created and provided to the client.
- `src/main/java/com/auth/model/JwtRequest.java`
 - This class serialises incoming request data from the client.
- `src/main/java/com/auth/model/JwtResponse.java`
 - This class serialises response data to be returned to the client.
- `src/main/java/com/auth/config/WebSecurityEndpoint.java`
 - This class adds extra customisation to the web and HTTP security classes.