

**This is a Java class named `VoterRegisterRequest`, which is a data transfer object (DTO) used for representing the request payload when registering a new voter. The class is annotated with Lombok annotations (`@Data`, `@Builder`, `@AllArgsConstructor`, and `@NoArgsConstructor`) to automatically generate getter, setter, equals, hashCode, toString, and builder methods. Let's explain each annotation and the purpose of the class:**

1. `@Data`: This Lombok annotation automatically generates getter and setter methods for all class fields, as well as the `toString`, `equals`, and `hashCode` methods.
2. `@Builder`: This Lombok annotation generates a builder pattern for creating instances of the class with a concise and readable syntax.
3. `@AllArgsConstructor`: This Lombok annotation generates a constructor with arguments for all fields in the class.
4. `@NoArgsConstructor`: This Lombok annotation generates a default constructor with no arguments.
5. `private String email;`: This field holds the email of the new voter being registered.
6. `private String password;`: This field holds the password of the new voter being registered.
7. `private Number voterAge;`: This field holds the age of the new voter being registered. It is of type `Number`, which means it can represent any numeric value (integer, floating-point, etc.).
8. `private String voterName;`: This field holds the name of the new voter being registered.
9. `private Role role;`: This field holds the role of the new voter being registered. The `Role` is likely an enum type representing the role of the user, such as "User," "Admin," etc.

The purpose of this class is to represent the request payload when a new voter is being registered in the application. By using Lombok annotations, the class eliminates the need for writing boilerplate code for getters, setters, constructors, and builder methods, making the class more concise and maintainable. This class is typically used in the `VoterAuthenticationService` (as shown in the previous code) to handle voter registration requests, where the data provided in this DTO is used to create a new `Voter` entity and save it in the database.