

Classe Usuário (User.java)

@Entity

```
public class User {
```

```
    @Id
```

```
    @GeneratedValue(strategy = GenerationType.IDENTITY)
```

```
    private Long id;
```

```
    @NotNull
```

```
    @Size(max = 100)
```

```
    private String nome;
```

```
    @NotNull
```

```
    @Email
```

```
    private String email;
```

```
    @NotNull
```

```
    private String senha;
```

```
    private String telefone;
```

```
    private Boolean ativo;
```

```
}
```

Classe Categoria (Category.java)

@Entity

```
public class Category {  
    @Id  
    @GeneratedValue(strategy = GenerationType.IDENTITY)  
    private Long id;  
  
    @NotNull  
    @Size(max = 100)  
    private String nome;  
}
```

Repositórios

```
public interface UserRepository extends JpaRepository<User, Long> {}
```

```
public interface CategoryRepository extends JpaRepository<Category, Long> {}
```

Controladores REST

```
@RestController  
@RequestMapping("/users")  
public class UserController {  
  
    @Autowired
```

```
private UserRepository userRepository;
```

```
@PostMapping
```

```
public ResponseEntity<User> createUser(@Valid @RequestBody User user)
{
    User saved = userRepository.save(user);
    return ResponseEntity.ok(saved);
}
}
```

```
@RestController
```

```
@RequestMapping("/categories")
```

```
public class CategoryController {
```

```
@Autowired
```

```
private CategoryRepository categoryRepository;
```

```
@PostMapping
```

```
public ResponseEntity<Category> createCategory(@Valid @RequestBody
Category category) {
    Category saved = categoryRepository.save(category);
    return ResponseEntity.ok(saved);
}
}
```