

Scenario 1: Customer Registration & Login

- 1- Customer submits email and password to RegistrationLoginPage.
- 2- RegistrationLoginPage verifies registration data with AuthController.
- 3- AuthController checks if email exists in UserDatabase.
- 4- UserDatabase returns "emailNotFound" to AuthController.
- 5- AuthController executes hashPassword() method.
- 6- AuthController saves user data to UserDatabase.
- 7- AuthController returns registrationSuccess to RegistrationLoginPage.
- 8- If registration successful, RegistrationLoginPage displays confirmation.
- 9- Customer submits login credentials to RegistrationLoginPage.
- 10- RegistrationLoginPage authenticates with AuthController.
- 11- AuthController gets user from UserDatabase.
- 12- AuthController executes verifyPassword() method.
- 13- If password valid, AuthController returns loginSuccess.
- 14- Else, AuthController returns loginFailed and shows error.

