

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.

