

Title: Signup Use-case
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BASIC COURSE:

The system displays the Signup Page to the User. The User enters a valid E-mail Address into the E-mail Address Field, and a sufficiently complex Password into the Password Field. The system verifies that the Password Field is valid, and the system syntactically checks the E-mail Address Field for validity. The User clicks the Signup Button, and the system verifies that the fields are correct, then it sends a Verification E-mail to the indicated E-mail Address. The User clicks the link in the Verification E-mail before it expires, then the system creates the User Account and redirects the User to the Login Page.

ALTERNATIVE COURSES:

The User enters an invalid E-mail Address in the E-mail Address Field: The system returns the User to the Sign-up Page displaying a message indicating the error.

The E-mail Address is already associated with a User Account in the User Account Set: The system returns the User to the Signup Page displaying a message indicating the error.

The User enters an invalid Password in the Password Field as a result of it either containing invalid characters, being too long in length, or not being sufficiently complex (must be at least 8 characters in length): The system disables the Signup Button so that the User cannot proceed, and it displays a message indicating the error; should the form be submitted anyway, the system returns the User to the Signup Page displaying a message indicating the error.

The User clicks the Login Button: The system redirects to the Login Page, and it prefills the both the Username Field and the Password Field with the values from the Signup Page.

The Verification E-mail has expired (after 24 hours): The system directs the User to the Signup Page displaying a message indicating the error.