BASIC COURSE:

The system displays the Signup Page to the User. The User enters an Email Address into the Email Address Field and a Password into the Password Field then clicks the Signup Button. The system verifies that the Password is sufficiently complex and that the E-mail Address is registered in the Student Directory Database. Afterward, the system adds a User Account into the Account Verification Set and verifies that the Email Address is not already associated with a User Account in the Account Verification Set. Then the system 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 moves the User Account in the Account Verification Set to the User Account Set and redirects the User to the Login Page.

ALTERNATIVE COURSES:

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

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