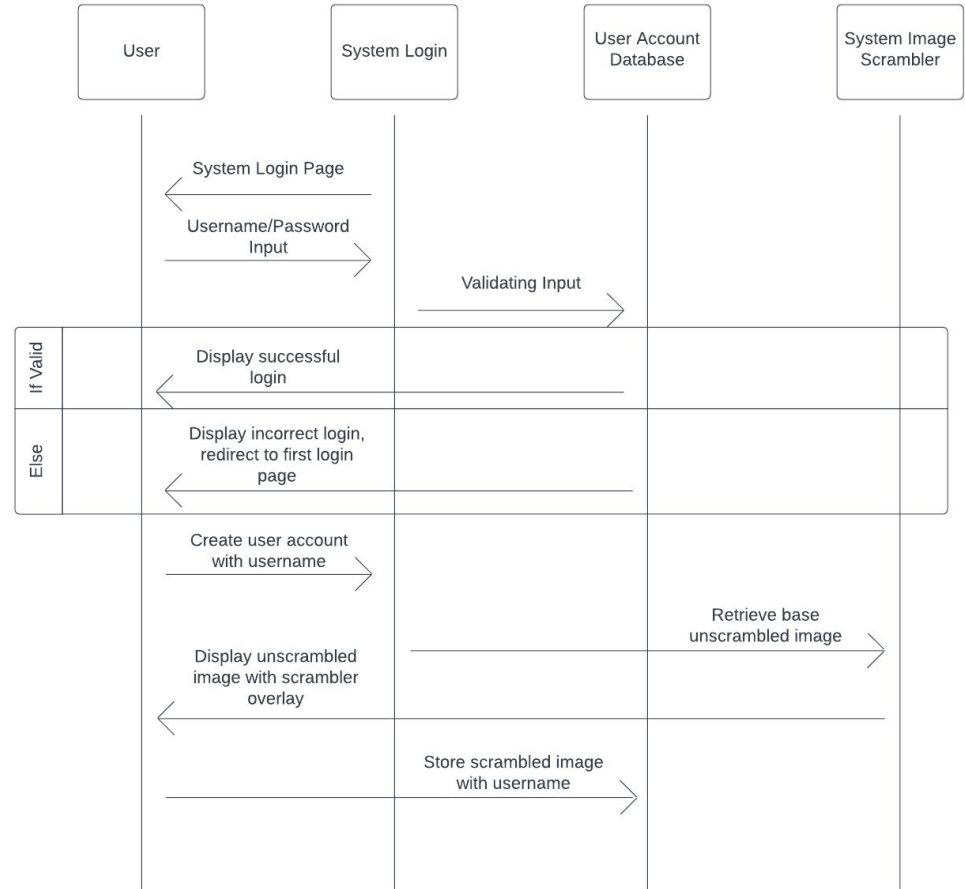


The background is a dark navy blue. In the top-left corner, there are two overlapping triangles: a blue one on the left and a light green one on the right. In the bottom-left corner, there is a circular inset showing a close-up of a circuit board with various electronic components. In the top-right corner, there is a faint, stylized pattern of interconnected lines and squares, resembling a circuit or a data network.

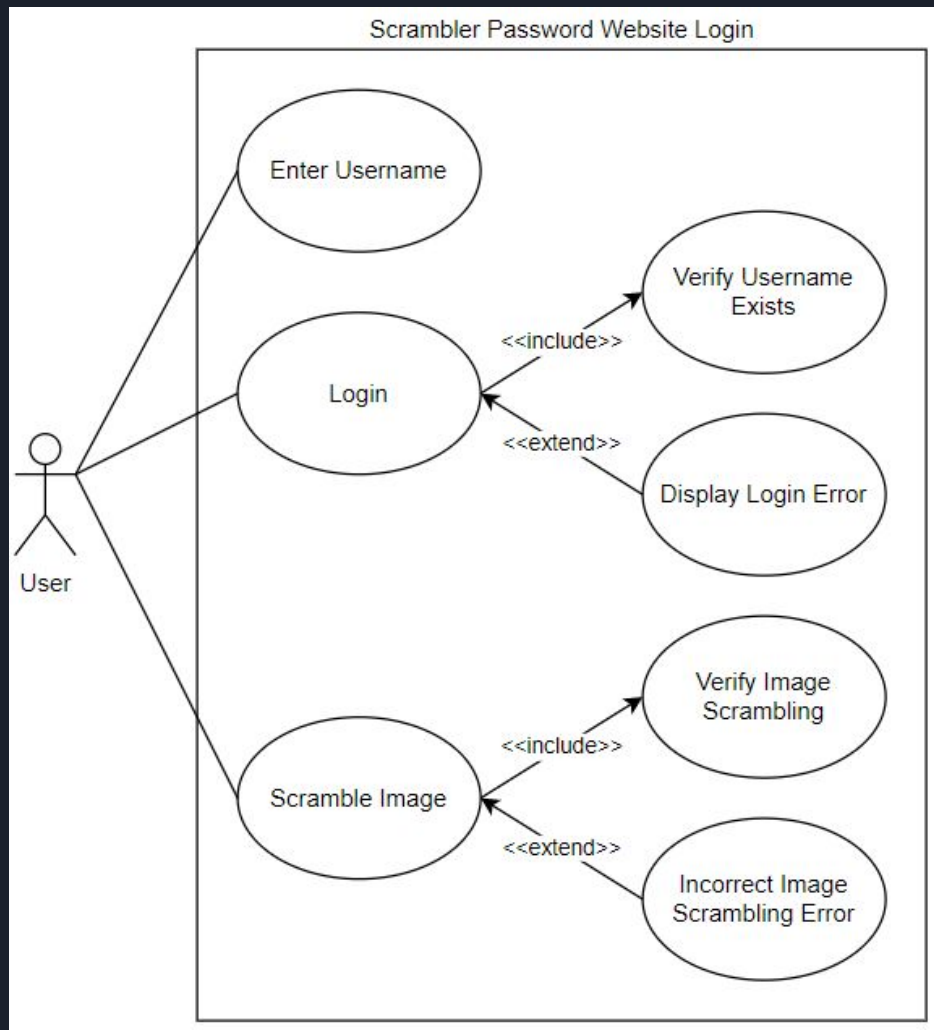
Image Scrambler Password

Team 13: Maxwell Warncke, Daniel
Rocheft, Doehoon Kim, Richmond Azumah

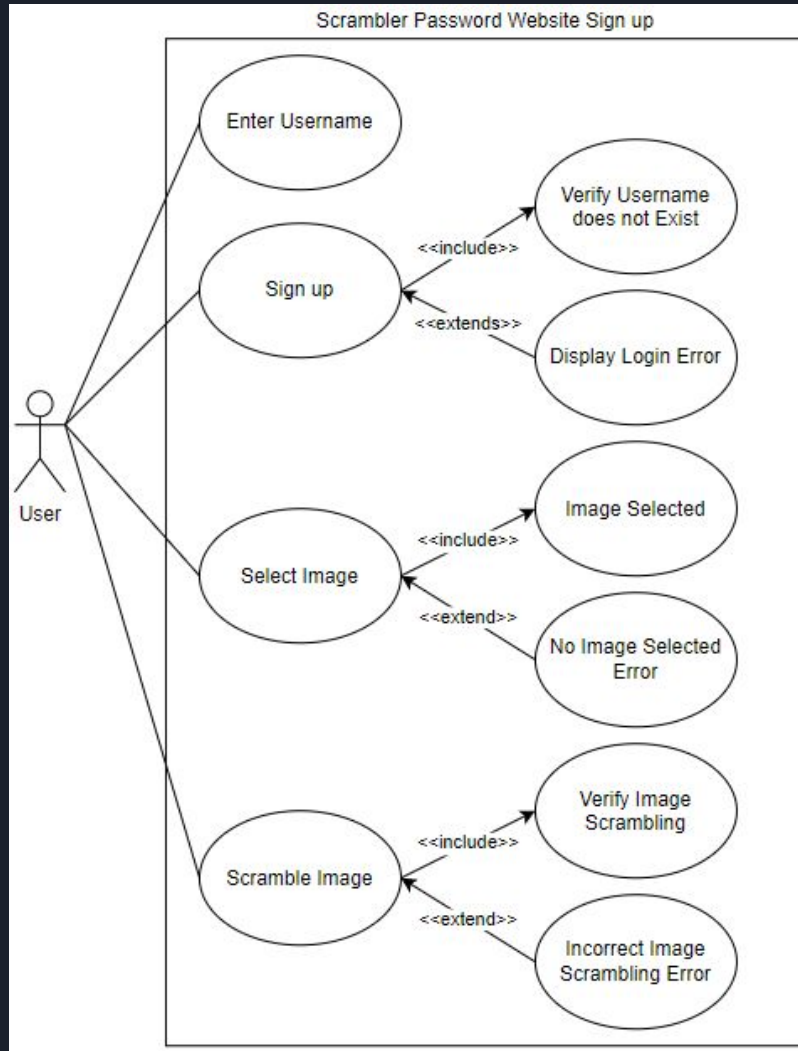
UML Sequence Diagram:



Use Case Diagram 1



Use Case Diagram 2





Test Case Scenarios

Test Case: Verify the user has to input a username, and it must be only alphanumeric characters

Input: “Test*Username”

Expected output: Username must be only alphanumeric characters. Please try again

Test Case: Verify the user cannot sign up without selecting an image

Input: User clicks “Next” button to attempt to move onto scrambling

Expected output: Please select one of the image.

Test Case: Verify the user cannot submit an unscrambled image as a password

Input: User clicks “Submit” without scrambling the image

Expected output: Image must be scrambled, Please try again.