

Cognitive walkthrough for QR Encode and Decode App

Operation: Generating QR codes

Questions:

1. What does the user intend to achieve by using the application?
2. Will the process of generating QR codes be clear to the user?
3. Can the user easily identify the buttons or sections for generating QR codes?
4. Will the user receive meaningful feedback during and after the QR code creation process?

Actions:

1. Choose the "Create QR" button to generate a new QR code.
2. Enter the desired text or link to be encoded into the QR code.
3. Generate the QR code.
4. Save the generated QR code image or copy it to the clipboard.

Evaluation:

1. Choosing the "Create QR" button:

Question 1: The user wants to create a new QR code. The "Create QR" button corresponds to this goal.

Question 2: Yes, the button is located in the section for creating QR codes, indicating its purpose.

Question 3: Yes, the button is labeled "Create QR," which aligns with the user's intention.

Question 4: Yes, clicking the button takes the user to a new screen where they can input text to encode.



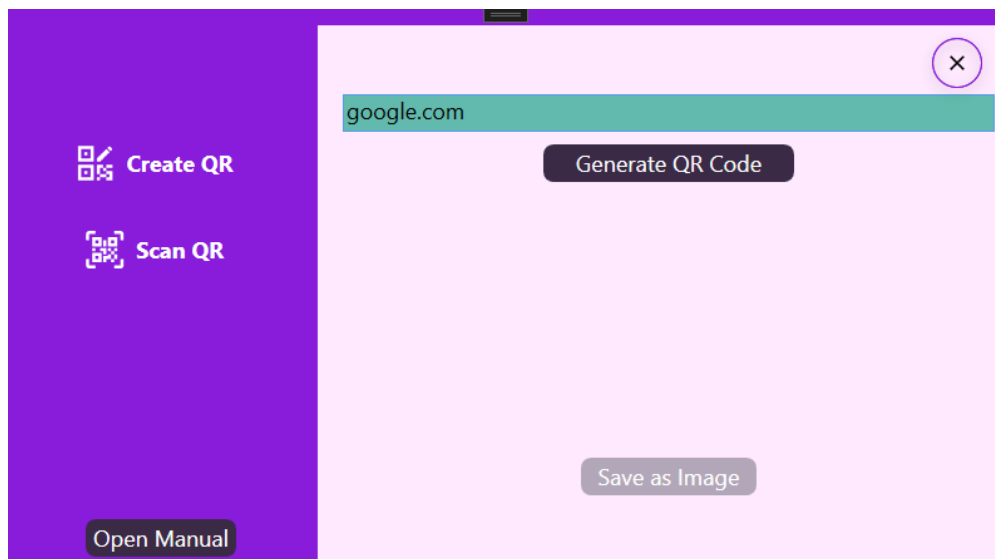
2. Entering text or link for encoding:

Question 1: The user intends to input text or a link to be encoded.

Question 2: Yes, the user can type or paste text in the designated field.

Question 3: Yes, the text input field is clearly visible.

Question 4: Yes, entering text will paint the text field green signaling that the text can be encoded.



3. Generating the QR code:

Question 1: The user wants to generate the QR code.

Question 2: Yes, the "Generate QR Code" button is present for this action.

Question 3: Yes, the button is labeled for QR code generation.

Question 4: Yes, clicking the button displays the generated QR code.



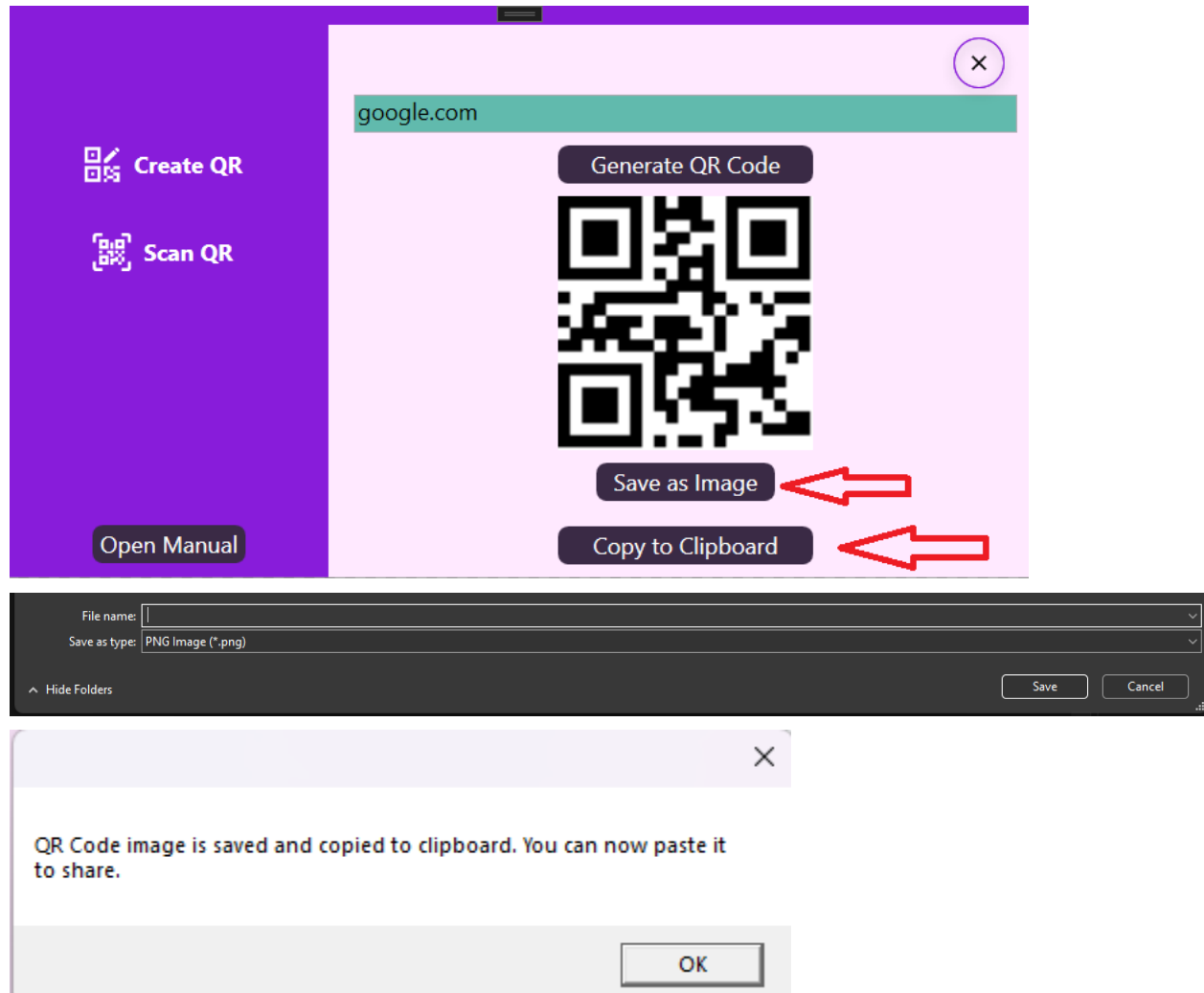
4. Saving or copying the QR code:

Question 1: The user aims to save or copy the QR code.

Question 2: Yes, there are options to save or copy the QR code.

Question 3: Yes, the "Save as Image" or "Copy to Clipboard" buttons are visible.

Question 4: Yes, using these options allows the user to save or copy the QR code successfully.



Usability issues:

1. The user might not be able to immediately recognize the input text field.
2. The app cannot be minimized or resized.
3. The QR code background is not matching the app background (white vs light purple).
4. No high contrast option.
5. The images in the User manual might not be clear.