General Category	Specific Category	Definition	Example
User Intent	Information Retrieval	Involves accessing or searching for data or content	Searching for a product in an e-commerce app
	Executing Transactions	Completes a monetary/labor/physical obj exchange	Purchasing an item from an online store
	Communication	Sends or receives messages between users	Sending a direct message on a social media platform
	Configuration	Alters settings or preferences within the application	Changing the privacy settings of a user account
	Navigation & Tutorial	Navigating around UI or Locating features	Using an onboarding tutorial in a new app
Impact on UI	Visual Appearance Changes	Modifies the visual presentation of the UI elements	Switching to dark mode in a mobile application
	Content Update	Refreshes or replaces data displayed on the UI	Refreshing the news feed on a social media app
	Navigational Changes	Navigating to a new UI	Redirecting to a new webpage after clicking a link
	Interactive Elements (De)Activation	Enables or disables interactive elements	Disabling the "Submit" button after a form is submitted
	Feedback Provisioning	Provides feedback like popup alerts	Displaying a warning dialog while data is being processed
Impact on Self	Acquiring Knowledge	Results in gaining new information or insights	Reading a tutorial on how to use a new software tool
	Assets Changes	Alters the user's virtual or real-world resources	Deducting a balance after making an online purchase
	Behavioral Changes	Influences the user's future actions or habits	Receiving notifications that encourage more frequent app usage
	Privacy and Data Sharing	Affects the user's personal data visibility or sharing	Granting an app access to location data
Impact on Other Users	Content Sharing & Info Exchange	Distributes data or content to others	Posting a photo on a public social media feed
	Privacy and Data Sharing	Exposes other users' data to third parties	Sharing a contact's information without their consent
	Social Perception Changes	Affects how others perceive or judge the user	Posting strong personal opinions on a social media platform
Reversibility	Instantly Reversible	Can be undone immediately with a single step	Undoing a text entry in a form or toggling on/off dark mode
	Multiple Steps Required	Requires several steps to be undone	Restoring a deleted account after confirming ownership
	Multiple Steps Required Timely	Must be undone within a specific time frame	Retracting a message on social media App within 2-min time limit
	Multi-stage Complexity	Reversibility can be different in different stages	Canceling an order before (just cancel) or after shipping (have to return)
	Irreversible Without External Actions	Cannot be undone without external intervention	Deleting a user account and requiring customer service to restore
Roll Back Effects	Returning to Initial State	Rollback completely restores the previous state	Undoing a text formatting change in a document editor
	Does not Remove Initial Changes	Initial Changes cannot be unsent	Reverting a file edit in collaborative document but left editing history
	Having Other Side Effects	The rollback introduces new consequences	Canceling an order and receiving confirmation emails
Idempotency	Repeating Has Same Effect	Repeating yields the same result each time	Pressing a "Save" button repeatedly saves without duplicating it
	Repeating Has Different Effect	Repeating results in a different outcome each time	Refreshing a social media feed to see new content
	Repeating Does not Have Effect	Repeating has no additional impact	Pressing a "Submit" button after the form has already been submitted
Statefulness	Independent of State	Is consistent regardless of any conditions	Swiping up from bottom always brings to home screen
	Dependent on Current State	Will have same impact based on current state	Clicking a "Help" button always opens the help documentation
	Dependent on External States	Varies based on external or previous states	Login to bank account in foreign country triggering extra verifying steps
Execution Verification	Executing can be Easily Verified	The outcome can be confirmed directly within the UI	Seeing a confirmation message after submitting a form
	Can only be Externally Verified	The outcome requires external validation or feedback	Turn off garden watering via smartphone control
Impact Scope	Having Immediate Impact	The action has immediate or short-term impact	Directly messaging someone
	Having Enduring or Subtle Impact	The action impact is long-lasting or difficult to detect	Interacting with the same video type on social media changes future feed
	Having Impact in the Future	The action might have subtle impact in the future	Taking a screenshot with credential or private information on the screen