

sability Study (1)

Other	Open Suggestion
	<p>IF drag on window where there is available empty space activate a border by tapping (window OR button) & using border to rotate use same border to pull window apart</p>
②	have a specific button on border to minimize by tap
③	button on border OR drag window OFF SCREEN
①	close button OR drag window to specific location OR from your phone

sability Study (2)

Other	Open Suggestion
③	using phone as controller (remotely/NOT) OR manipulation pad next to window (resizable pad)
①	using resizable manip. pad on corner window (virtual fourth pad)
③	using virtual touchpad + opposite corner control to drag resize
	double tap on button located in window top left corner (minimize to corner)
	LIFT PHONE OFF TABLE TO DEACTIVATE window (AND upside down)
	SHAKE THE PHONE (UNLESS WHILE CALLING)

down (No pop up)

pad goes in out

ability Study (1)

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Other	Open Suggestion
	dragging gesture in window (specify amount of fingers & empty space) // tap on screen
	3 fingers on window // rotating control somewhere on screen
	nudging gesture around window (border)
②	specific button to minz
③	button on surface edge (double tap)
①	drag window offscreen

ability Study (2)

Other	Open Suggestion
③	1 finger drag on border - border appears dynamic on hover
②	2 finger rotating gesture on border (anywhere)
③	1 finger pinch anywhere on border
	drag window offscreen & icon appears in middle of same edge
	tap on a button
	control on table + control on phone

Usability Study (1)

Other	Open Suggestion
	press button to make window manipulable (button either in window or beside window)
	<u>u</u>
	<u>u</u>
①	use same button by holding the press to minimize
②	use same button. when window is inactive, make it hidden.
③	make window inactive, then drag it offscreen

ability Study (2)

Other	Open Suggestion
③	1 finger dragging on border (or dragging with button)
②	2 finger rotating gesture on border (1 finger using inertia)
①	2 finger pinching on border
	specify gesture on surface (blob) ^{wavy many fingers} <u>ll</u> : half circle around window
	specify gesture on the window <u>to hide content</u>
	specify button or lifting phone off

sability Study (1)

Other	Open Suggestion
	multi finger (4,5) / hand dragging gesture
	multi finger rotate gesture
	two fingers (2 hands) anywhere on border → pinch gesture
①	drag window to surface edge / tab that max area when dragged to middle
①	whole hand on window (only TAP)
①	lifting phone off table

sability Study (2)

Other	Open Suggestion
③	multiple finger touch on window & drag
③	4 x rotate
①	2 fingers pull apart middle on window and just outside window drag window (down) to surface edge → ICON using a button = HOME button (same functionality)
	Lifting phone off table kill the app

Usability Study (1)

Other	Open Suggestion
	drag from corner
	grab 2 corners with 2 fingers
	grab 2 opp. corners & pull apart
①	grab & drag to corner
①	whole hand on top of window
①	drag to specific location (shows indicator)

Usability Study (2)

Other	Open Suggestion
③	① drag on FRAME or small mapp. handle
①	using corners & drag gesture (anchor points)
①	using corner < pull apart gesture
	drag window to icon/location to minimize it
	drag window offscreen
	LIFT PHONE off TABLE

Usability Study (1)

Other	Open Suggestion
	multifinger touch on window & dragging gesture (or specific button)
	3 finger rotating on window OR rotating controls beside window
	pinching gesture on border OR remote control menu
②	drag to specific location of menu bar beside
①	placing hand on window
①	drag to the offscreen (duplex popup)

remote control

Implementation Tab

Usability Study (2)

Other	Open Suggestion
③	1 finger drag gesture on window (gesture recognition)
②	2 finger ROTATE gesture on border
②	2 F Pinch gesture or BORDER
	drag window OFFSCREEN to minimize
	place and hold hand over window
	mess & hold border & duplex confirm dialog (timed to.)

mize (mental model Windows)