HIGH PERFORMANCE WEB USER

INTERFACES

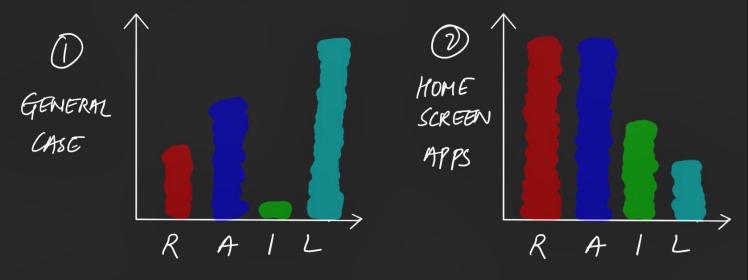
Response O.IS

A Animation 16ms (60 fps)

I Idle 50ms

Load 15

RAIL MODEL: RELATIVE IMPORTANCE



HOME CUSER WAS WEB APP HAS
SCREEN PROMPTED SERVICE WORKER

~ Handling offline and poor connectivity

GOOGLE 1/0

2016

3 COMPONENTS :	>> SIDE NAY
	DISMISSABLE CARDS
	S EXPANDING/COLLAPSING VIEW
SIDE NAY	
pointer-eve	MLS I MOME
Layer Promotion -	-> will-change: transform; Separate from page.
	separate from page.
* Pon't promote	everything response usage
/	everything -> keep memory usage > keep composition time low.
	> Keep composition time low
	'
SWIPEABLE CARDS	
Promote	layer at last minute m and opacity
Transfor	m and opacity.
TXPA.ID LAID	OII A-PCE
EXPAND AND C	7 - Toggers
Changing width, he	ight, left, top] > Triggers Layout
SOLUTION:	Transform Proportional to DOM Size
RAIL + FLIP	Dom Size
$\rightarrow looms$	to complete