CAD for Product Design 2
week 01 ProjectProcess

INSERT VISUAL REFERENCE + REFERENCE GEOMETRY

BASE CASING

LENS HEAD

HANDLE FORM

LENS HEAD/HANDLE *transition form*

TRIGGER BUTTON CASING

TRI-LENS HOUSING

MAIN LENS HOUSING
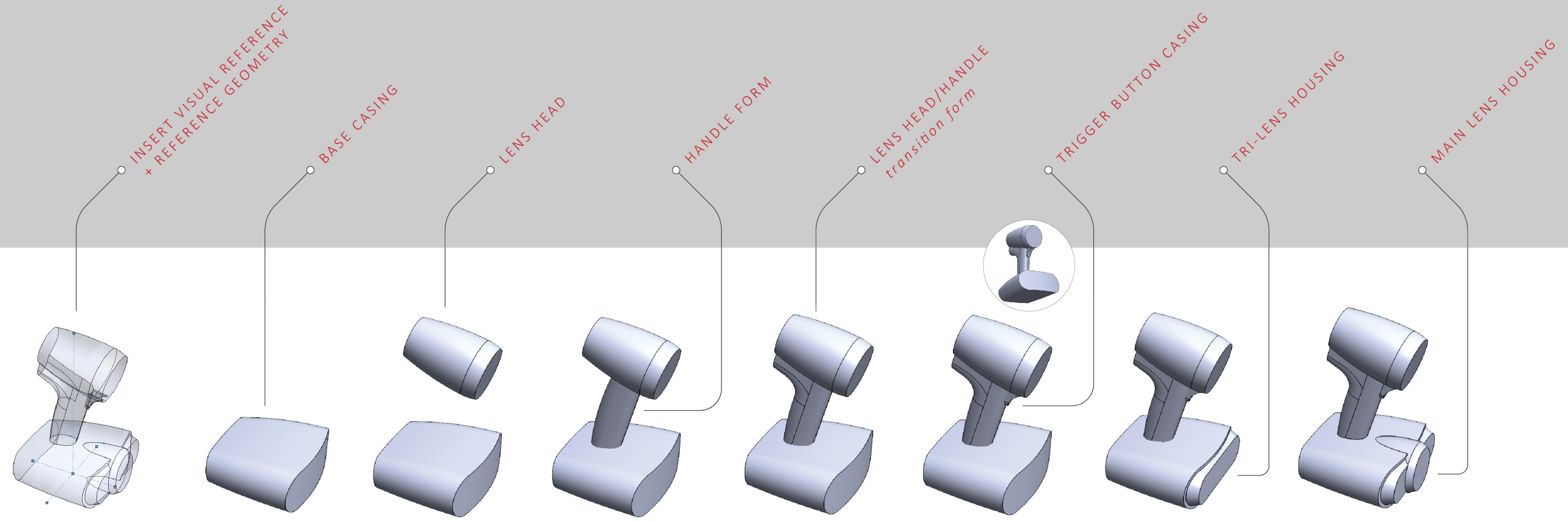
MASTER MODEL
-in context modelling strategy

PHASE 1 - STEP 1 Primary Form Features

PHASE 1 - STEP 2 Subset Form Features

lofted form	*revolved form*	*compound surface form*	*multi-faceted compound surface form*	*insitu modelled subset form*	*insitu modelled lofted subset form*	*insitu modelled lofted + extrude subset form*
reference geometry	reference geometry	reference geometry	relational references	relational references	relational references	relational references
insert planes	revolve axis	insert planes	insert planes	insert planes	plane insert	ref geometry
multiple sketch profiles	sketch profile	reference geometry	reference geometry	reference geometry	multiple sketch profiles	plane insert
lofted body + start condition	sketch relations	multiple sketch profiles	multiple sketch profiles	sketch profile	face-split reference	multiple sktech profiles
realtion sketch profile	revolve form	compound sketch relations	compound sketch relations	extruded body	control curve profiles	soild body loft + start condition
extruded surface		reference surfaces	reference surfaces	body split	surface loft	extruded body + draft conditions
split body feature		compound surface body loft	planar surfaces	conic radius fillet + 'rho'	off-set surface	
		planar surfaces	compound surface-surface	shell body	knit + solidbody surface	
		compound surface knit	compound surface knit			
		solid body attribute	solid body attribute			
			cut extrude			
			multiple body combine			