Spring 2022 courses

Examples for system and non-systems

Your turn: fill in the details of these systems!

System	Boundary	Elements	Relationships	Flow
Car	body	tires, breaks	breaking	entering, leaving
College	border	student, faculty	learning, teaching	joining, graduating
Computer	chassis	printer, driver	printing	logging in, logging out
Cow	hide	udder, cowgirl	milking	food in, milk out
Earth	crust	water, river	flowing, containing	rain, evaporate
Nation	border	city, citizen	building, living	immigration, emigration
Person	skin	mouth, hand	being fed, feed	eat, defecate
Phone	frame	screen,sensor	touching, sensing	signal in, signal out
Schoology	dashboard	course, member	attending	grade out, quiz in

Can you think of things that are not systems?

• Universe (no boundary, presumably)

• Quark (elementary particle, presumably)

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