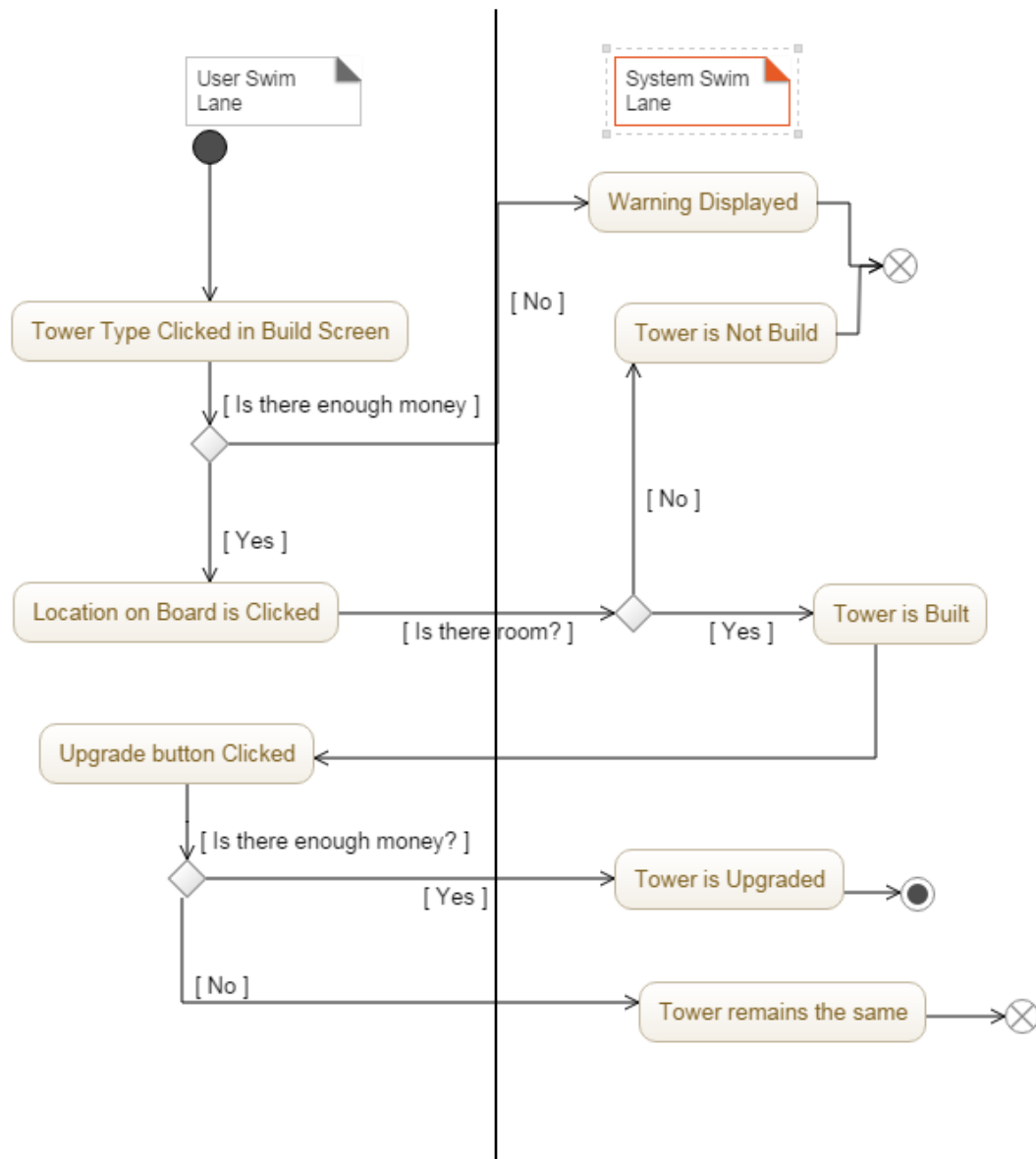


Hacker Defense

Use Case / Requirement ID	00	
Use Case Name	Upgradable towers	
Description	A variety of towers needs to be able to be constructed by a player	
Actors	Player	
Pre-Conditions	The player has enough money to construct the tower. There is room on the map to construct a tower	
Post conditions	The tower is removed and replaced with an upgraded version	
Frequency of Use	Mission critical to gameplay	
Flow of Events	Actor Action	System Response
	The tower type is clicked in the build screen	An outlined tower appears anywhere you mouse over
	You click somewhere on the board	The tower gets placed at the location and begins firing
	Click on the tower	List of upgrade options is displayed
	Click on the upgrade	If enough money is available, tower is upgraded

Use Case / Requirement ID	01	
Use Case Name	Enemies need to be killable	
Description	A variety of creeps need to spawn with different characteristics, abilities, and properties, and be shot by our towers	
Actors	Player	
Pre-Conditions	The player has built towers and is currently in a map with creeps spawning	
Post conditions	The enemy is removed and the bounty is awarded	
Frequency of Use	Mission critical to gameplay	
Flow of Events	Actor Action	System Response
	The user builds a tower	Tower appears on the map
		The enemy walks into the path of the tower
		The tower begins firing
		If HP reaches below 0 the enemy will die and bounty will be awarded

Activity Diagram



Sequence Diagram

Use case 00

Towers should be able to be upgraded if there is sufficient money

