ROHIT TOLETY	rohit.tolety@digipen.edu 60000917	
Implemented	Feature	Location of Implementation (wrt solution Directory)
yes	Game loop	main.cpp
	Debug Drawing:	
yes	Basic Debug Drawing	main.cpp
	Object Architecture:	
yes	Object architecture (Component based)	Components
yes	Garbage Collection (object management)	main/close()
	Communication:	
yes	BasicEvents	PhysicsManager.cpp (Collide Event)
yes	Subscription Model	EventManager.cpp
yes	Events & Messaging System	EventManager.cpp
	Data Driven Design:	
yes	Basic Text Serialization	ObjectFactory.cpp
yes	ObjectFactory (Creation of Objects from data files)	ObjectFactory.cpp
yes	Level Files	level.txt
yes	Archetypes	main
yes	advanced serialization/ multiple formats	serializing gameObjects using json in ( GameObject/ObjectFactory.cpp ) and text-based
		serialization of shader files in ( Graphics/Shaders.cpp )
	Frame rate Controller:	
yes	frame rate can be manually controlled	FrameRateController.cpp
	Input	land Africa and an
yes	Input Manager providing keyboard and mouse key	InputManager.cpp
yes	and button "IsPressed", "IsTriggered" and "IsReleased" detection	
	Graphics:	
yes	Hardware accelerated sprite rendering using shaders	Sprite.cpp
yes	(textured quads/meshes in OpenGL or DirectX)	Оргасорр
yes	Shaders	Main-> Graphics/Shaders/ (location of fragment and vertex shaders)
yes	Texture	sprite/resourcemanager[rscmgr]
yes	Basic Sprite Transformation	sprite[]
	Physics:	
yes	Basic collision detection between circles	CollisionManager.cpp
yes	Basic Collision response	PhysicsManager.cpp
yes	Collision between different bodies type	CollisionManager.cpp
	Game Requirements:	
yes	Human player control of a ship, avatar, or character	
yes	Game runs at 30 fps most of the time	frc[frameratecontroller]
yes	Collision between projectiles, player, and enemies	physics manager
no[1 type]	At least 2 different types of enemies with different behaviors	components[updown/enemy]
no[1 type]	Player has 2 different types of weapons or power ups	Control Manager[when key pressed]
no[lose]	Game must have a win / lose condition	based on Bool value if player looses four lives then he dies