

```
def get_class_attributes(classes):  
  
    class_attributes = {}  
  
    for cls in classes:  
  
        if isinstance(cls, type) and hasattr(cls, "__name__"):  
  
            class_name = cls.__name__  
  
            class_attributes[class_name] = {  
  
                "agent_name": getattr(cls, "agent_name", None),  
  
                "model_name": getattr(cls, "model_name", None),  
  
                "swarm_name": getattr(cls, "swarm_name", None),  
  
                "swarm_id": getattr(cls, "swarm_id", None),  
  
            }  
  
    return class_attributes
```