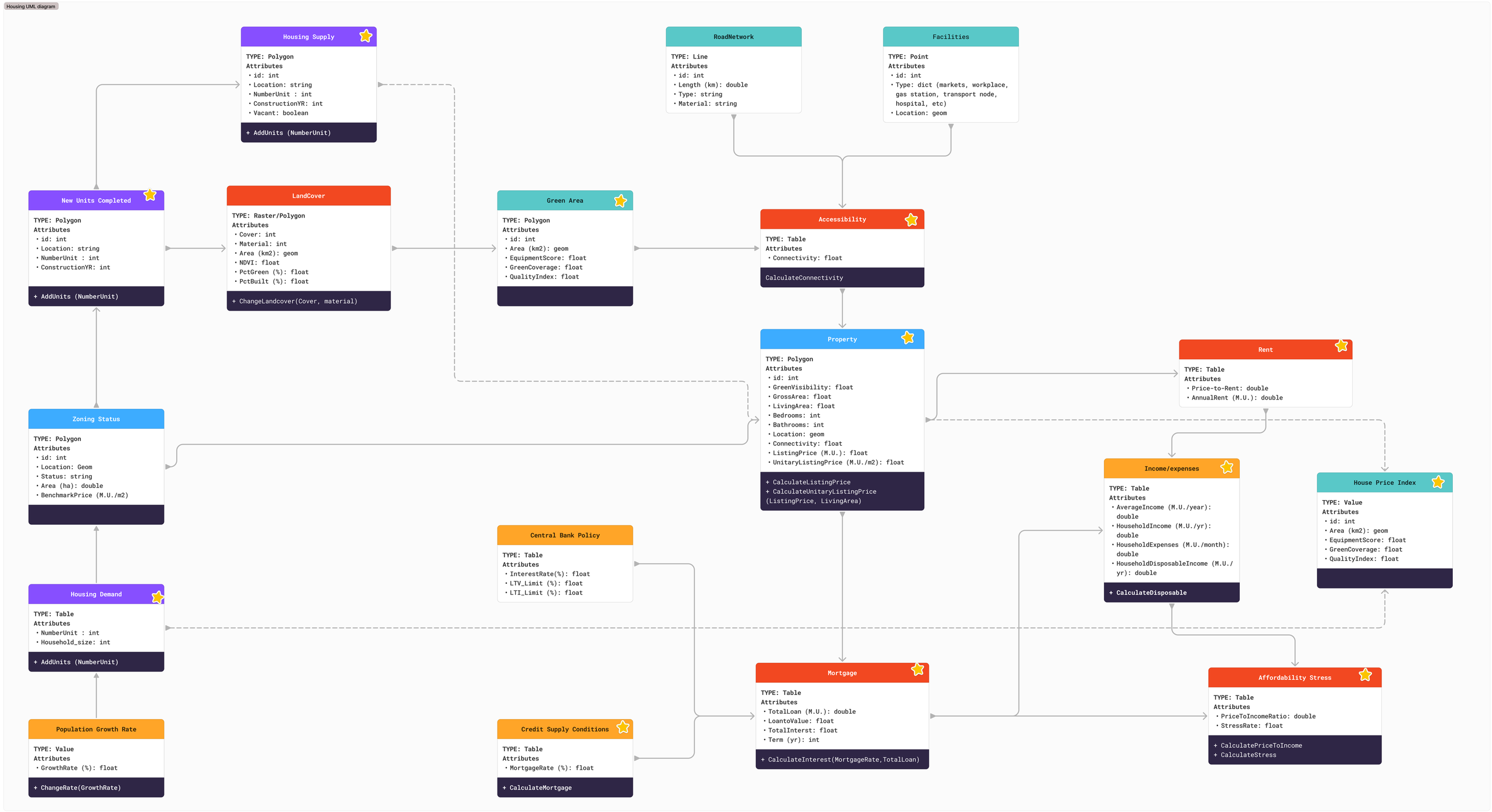Housing UML diagram