1. What attribute is used to designate the document’s primary key.

Is annotated with [BsonId] to designate this property as the document's primary key.

1. What attribute is used to allow the key to be passed as a string instead of an object

[BsonRepresentation(BsonType.ObjectId)]

1. What is the BsonElement attribute used for?

The attribute's value of Name represents the property name in the MongoDB collection.

1. What is the ConnectionString value from your appsettings.json file?

"mongodb://localhost:27017"

1. What is meant by a singleton service lifetime?

Singleton lifetime services (AddSingleton) are created the first time they're requested (or when Startup.ConfigureServices is run and an instance is specified with the service registration). Every subsequent request uses the same instance. If the app requires singleton behavior, allowing the service container to manage the service's lifetime is recommended. Don't implement the singleton design pattern and provide user code to manage the object's lifetime in the class.