What is T?
T is a generic type parameter that represents the Entity (Document) class you're working with.
Explanation of MongoRepository:
MongoRepository <t, id=""> is an interface provided by Spring Data MongoDB.</t,>
- T: Type of the document (your model class)
- ID: Type of the primary key (usually ObjectId for MongoDB)
Example from your project:
public interface BatchEntryRepository extends MongoRepository <batchentry, objectid=""></batchentry,>
Here:
- T = BatchEntry (your document)
- ID = ObjectId (MongoDB default _id type)
What it enables:
Because of MongoRepository <batchentry, objectid="">, you can use:</batchentry,>
- findByld(ObjectId id)
- save(BatchEntry entity)
- deleteById(ObjectId id)

MongoRepository<T, ID> - Explanation

- findAll()
and many more without writing their implementation.
Why use T?
Generics like T allow code reuse for any type of entity. Spring only needs to write MongoRepository
once, and it works for all document classes.
Extra Tip:
<del></del>
You can also write custom finder methods like:
List <batchentry> findByName(String name);</batchentry>