## Appendices

### Appendix A — Full DDL Script

See src/main/resources/sql/create\_schema\_oracle.sql in the repository.

### Appendix B — Hibernate Config Recommendation and XML diff

Current snippet in src/main/resources/hibernate.cfg.xml:

<property name="hibernate.hbm2ddl.auto">update</property>

Recommended change to validate-only mode:

<property name="hibernate.hbm2ddl.auto">validate</property>

Use validate in production to ensure the schema matches the mappings without making changes. Remove the property entirely to fully disable any checks.

### Appendix D — Full entity sources (abridged)

The main entity classes are in src/main/java/com/taskmanager/entity/.

Task.java (abridged):

package com.taskmanager.entity;  
  
import jakarta.persistence.\*;  
import java.time.LocalDate;  
import java.time.LocalDateTime;  
  
@Entity  
@Table(name = "tasks")  
public class Task {  
 @Id  
 @GeneratedValue(strategy = GenerationType.SEQUENCE, generator = "task\_seq")  
 @SequenceGenerator(name = "task\_seq", sequenceName = "TASK\_SEQ", allocationSize = 1)  
 private int id;  
  
 @Column(nullable = false)  
 private String title;  
  
 private String description;  
  
 private String priority;  
  
 private LocalDate deadline;  
  
 private boolean completed;  
  
 @Column(name = "created\_at")  
 private LocalDateTime createdAt;  
  
 @Column(name = "updated\_at")  
 private LocalDateTime updatedAt;  
  
 @ManyToOne(fetch = FetchType.LAZY)  
 @JoinColumn(name = "user\_id", nullable = false)  
 private User user;  
  
 // constructors, getters, setters, @PreUpdate omitted for brevity  
}

User.java and UserPreference.java are included in the codebase; the full files are included in the repository and this appendix references them by path.