Phase VII – TRIGGERRING OVERLAP

```
CREATE OR REPLACE TRIGGER trg_prevent_overlap
BEFORE INSERT OR UPDATE ON Booking
FOR EACH ROW
DECLARE
  v_count NUMBER;
BEGIN
  SELECT COUNT(*) INTO v_count
  FROM Booking
  WHERE ResourceID = :NEW.ResourceID
    AND Status IN ('Pending', 'Approved')
    AND (
       (:NEW.StartTime BETWEEN StartTime AND EndTime) OR
       (:NEW.EndTime BETWEEN StartTime AND EndTime) OR
       (:NEW.StartTime < StartTime AND :NEW.EndTime > EndTime)
      );

  IF v_count > 0 THEN
     RAISE_APPLICATION_ERROR(-20001, 'Overlapping booking exists for this
resource.');
   END IF;
END;
/
```