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[Instructions]

Review your solutions for the design-phase exercises based on the following points.

After review, revise & update your solutions as necessary, and re-submit them along with this check-sheet.

■ Design-Level Class Diagrams

No	Check Points
1	Diagrams correspond to the definitions in “UI Panel Definitions” from the analysis phase. Considered the operations required to obtain relevant information.
	Check & Revisions
	Deleted the arrow from RecordDeliveryPanel to Procurement.
2	All the following classes have been identified: ProcurementStaff, Procurement, Material, ProcurementControl, RecordProcurementPanel, RecordDeliveryPanel, DBAccess
	Check & Revisions
	No Problem.
3	Review the “UI Panel Definitions” and check correspondence with your solution.
	Check & Revisions
	No Problem.

■ Class Definition: attributes and operations

No	Check Points
1	Defined the elements by referring to the “use-case diagrams”, “use-case descriptions”, and the “Class Analysis Results” documentation.
	Check & Revisions
	No Problem.
2	<p>All the following attributes and operations have been defined:</p> <p>ProcurementControl Class</p> <p>attributes: procurement</p> <p>operations: getStaff, getMaterial, getProcurement, recordProcurement, recordDelivery</p> <p>ProcurementStaff Class</p> <p>attributes: staffCode, name, dbAccess</p> <p>operations: ProcurementStaff, getName, checkStaff</p> <p>Procurement Class</p> <p>attributes: procurementId, staffCode, materialCode, amount, requestedDate, deliveryDate, procurementStatus, paymentId, dbAccess</p> <p>operations: Procurement (3 variations), getProcurementStatus, setDeliveryDate, setProcurementStatus, setPaymentId, addProcurement, checkProcurement, setDeliveryCompleted, setPaymentRequested, setPaymentCompleted</p>
	Check & Revisions
	<p>Changed the attribute name of Procurement class “requestedDeliveryDate” to “requestedDate”.</p> <p>Added new operation “setPaymentId” to the class Procurement.</p> <p>Changed the attribute name of Procurement class “setPaymentRequest” to “setPaymentRequested”.</p>
3	Review the “use-case diagrams”, “use-case descriptions”, and “Class Analysis Results” and check correspondence with your solution.
	Check & Revisions
	No Problem.

■ Design-Level Sequence Diagram

No	Check Points
1	Created messages by referring to the decisions made in the “Analysis Sequence Diagram”, “Design-Level Class Diagram”, “Class Definition: attributes and operations”.
	Check & Revisions
	<p>[Ex10-3] Changed the starting point of arrow 1.3.2.2: status = setPaymentRequested() with QuarterlyPaymentControl to 1.3.2.3 with QuarterlyPayment.</p> <p>[Ex10-3] Added new arrow 1.3.2.2 status = setPaymentId(paymentId) from QuarterlyPayment to Procurement.</p>
2	Review the “Analysis Sequence Diagram”, “Design-Level Class Diagram”, “Class Definition: attributes and operations” and check correspondence with your solution.
	Check & Revisions
	No Problem.