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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

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| 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

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| 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 | All the following attributes and operations have been defined:  ProcurementControl Class  attributes: procurement  operations: getStaff, getMaterial, getProcurement, recordProcurement, recordDelivery  ProcurementStaff Class  attributes: staffCode, name, dbAccess  operations: ProcurementStaff, getName, checkStaff  Procurement Class  attributes: procurementId, staffCode, materialCode, amount, requestedDate, deliveryDate, procurementStatus, paymentId, dbAccess  operations: Procurement (3 variations), getProcurementStatus, setDeliveryDate, setProcurementStatus, setPaymentId, addProcurement, checkProcurement, setDeliveryCompleted, setPaymentRequested, setPaymentCompleted |
| Check & Revisions |
| Changed the attribute name of Procurement class “requestedDeliveryDate” to “requestedDate”.  Added new operation “setPaymentId” to the class Procurement.  Changed the attribute name of Procurement class “setPaymentRequest” to “setPaymentRequested”. |
| 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

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| 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 |
| [Ex10-3] Changed the starting point of arrow 1.3.2.2: status = setPaymentRequested() with QuarterlyPaymentControl to 1.3.2.3 with QuarterlyPayment.  [Ex10-3] Added new arrow 1.3.2.2 status = setPaymentId(paymentId) from QuarterlyPayment to Procurement. |
| 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. |