Anthony Meunier

DeVry University

CIS 339

Week 3 Lab 

**Front:**

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| **Class Name:** Client | **ID:** ‎1 | | **Type:** Concrete, Domain |
| **Description:** This class contains information pertaining to the client | | | **Associated Use Cases:** Open Staffing Request, Search For Candidates, Close Staffing Request |
| **Responsibilities**  RetrieveClientInformation  CreateNewClient  NotifyClient  AddClient  UpdateClient  DeleteClient | | **Collaborators** | |

**Back:**

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| **Attributes:**  ClientID  ClientName  ClientPhone  ClientEmail  ClientFax |
| **Relationships**:  **Generalization (a-kind-of):**  **Aggregation (has-parts):**  **Other Associations:** StaffingRequest |

**Front:**

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| **Class Name:** StaffingRequest | **ID:** ‎2 | | **Type:** Concrete, Domain |
| **Description:** This class contains information about staffing requests as well as some qualified list information | | | **Associated Use Cases:** Open Staffing Request, Search For Candidates, Complete Arrangements, Close Staffing Request |
| **Responsibilities**  EnterStaffingRequest  FillStaffingRequest  ReopenStaffingRequest  CloseStaffingRequest  AddQualifiedList  RejectQualifiedList  DeleteQualifiedList  AddStaffingRequest  UpdateStaffingRequest  DeleteStaffingRequest  RetrieveStaffingRequest | | **Collaborators** | |

**Back:**

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| **Attributes:**  StaffingRequestInformation  StaffingRequestStatus  StaffingRequestPosition  StaffingRequestExperience  StaffingRequestQualifiedList |
| **Relationships**:  **Generalization (a-kind-of):**  **Aggregation (has-parts):**  **Other Associations:** Candidate, Client, UnableToFillMemo, Employee |

**Front:**

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| **Class Name:** Candidate | **ID:** ‎3 | | **Type:** Concrete, Domain |
| **Description:** This class contains information about the candidate | | | **Associated Use Cases:** Search For Candidates, Complete Arrangements |
| **Responsibilities**  SearchForCandidate  ReserveCandidate  UnreserveCandidate  PlaceCandidate  AddCandidate  UpdateCandidate  DeleteCandidate  RetrieveCandidate | | **Collaborators** | |

**Back:**

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| **Attributes:**  CandidateID  CandidateName  CandidatePhone  CandidateEmail  CandidateStatus  CandidateExperience |
| **Relationships**:  **Generalization (a-kind-of):**  **Aggregation (has-parts):**  **Other Associations:** StaffingRequest, Employee |

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| **Class Name:** UnableToFillMemo | **ID:** ‎4 | | **Type:** Concrete, Domain |
| **Description:** This class contains information about an ‘unable to fill’ memo | | | **Associated Use Cases:** Search For Candidates, Close Staffing Request |
| **Responsibilities**  CreateUnableToFillMemo  AddUnableToFillMemo  UpdateUnableToFillMemo  DeleteUnableToFillMemo  RetrieveUnableToFillMemo | | **Collaborators** | |

**Back:**

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| **Attributes:**  MemoID  MemoStatus |
| **Relationships**:  **Generalization (a-kind-of):**  **Aggregation (has-parts):**  **Other Associations:** StaffingRequest, StaffingAgent |

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| **Class Name:** Invoice | **ID:** ‎5 | | **Type:** Concrete, Domain |
| **Description:** This class contains information about the invoice and/or bill | | | **Associated Use Cases:** Complete Arrangements, Close Staffing Request |
| **Responsibilities**  CreateBill  AddInvoice  UpdateInvoice  DeleteInvoice  RetrieveInvoice | | **Collaborators** | |

**Back:**

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| **Attributes:**  InvoiceID  InvoiceAmount  InvoiceDate |
| **Relationships**:  **Generalization (a-kind-of):**  **Aggregation (has-parts):**  **Other Associations:** ArrangementSpecialist |

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| **Class Name:** Employee | **ID:** ‎6 | | **Type:** Abstract, Domain |
| **Description:** This superclass class contains information about the employee and generic information applying to the subclasses of employee types | | | **Associated Use Cases:** See subclasses |
| **Responsibilities**  AddEmployee  UpdateEmployee  DeleteEmployee  RetrieveEmployee | | **Collaborators** | |

**Back:**

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| **Attributes:**  EmployeeID  EmployeeName  EmployeeEmail  EmployeeFax  EmployeePhone  EmployeeDepartment |
| **Relationships**:  **Generalization (a-kind-of):** ArrangmentSpecialist, StaffingAgent  **Aggregation (has-parts):**  **Other Associations:** Candidate, StaffingRequest |

**Front:**

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| **Class Name:** ArrangementSpecialist | **ID:** ‎7 | | **Type:** Concrete, Domain |
| **Description:** This subclass contains information about the arrangement specialist employee | | | **Associated Use Cases:** Search For Candidates |
| **Responsibilities**  NotifyArrangementSpecialist | | **Collaborators** | |

**Back:**

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| **Attributes:**  Inherited from Employee |
| **Relationships**:  **Generalization (a-kind-of):** Employee  **Aggregation (has-parts):**  **Other Associations:** Invoice |

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| **Class Name:** StaffingAgent | **ID:** ‎8 | | **Type:** Concrete, Domain |
| **Description:** This class contains information about the staffing agent employee | | | **Associated Use Cases:** Complete Arrangements |
| **Responsibilities**  NotifyStaffingAgent | | **Collaborators** | |

**Back:**

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| **Attributes:**  Inherited from Employee |
| **Relationships**:  **Generalization (a-kind-of):** Employee  **Aggregation (has-parts):**  **Other Associations:** UnableToFillMemo |