***3. CLASS INTERFACE***

***3.1.1 Class Interface Controller- Gestione Acquisto***

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| **Nome Classe** |
| AllOrdersViewServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** AllOrdersViewServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** req.getSession().getAttribute("personalCustomer") != null |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** AllOrdersViewServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post :** req.setAttribute("orders") && req.setAttribute("products") |

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| **Nome Classe** |
| PaymentServlet |
| Attributi |
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| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** PaymentServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("id") = "elimina" |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** PaymentServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post :**  request.getSession().removeAttribute("info") |

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| **Nome Classe** |
| PaymentServlet |
| Attributi |
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| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** PaymentServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("id") = "procedi" |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** PaymentServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| PaymentServlet |
| Attributi |
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| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** PaymentServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("id") = "pagamento" |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** PaymentServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post :**  request.getSession().setAttribute("info") |

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| **Nome Classe** |
| PaymentServlet |
| Attributi |
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| Metodi |
| +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doPost(HttpServletRequest request, HttpServletResponse  response):  **context** PaymentServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("pay”) = "Procedi al pagamento" |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** PaymentServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| ShowCatServlet |
| Attributi |
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| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** ShowCartServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** [request.getParameter("customer”) != null && req.getParameter(“addCart”) != null ] ||  [request.getParameter("customer”) != null && req.getParameter(“addCart”) == null && req.getParameter(“delete”) != null ]  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** ShowCartServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** ShowCartServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** req.getSession().setAttribute("cart", cart);  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** ShowCartServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

***3.1.2 Class Interface Controller- Gestione Customer***

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| **Nome Classe** |
| CustomerManagerReviewServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerReviewServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getSession().getAttribute("customerManager") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerReviewServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerReviewServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** message("Solo il catalogue manager può effettuare questa operazione!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerReviewServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| CustomerManagerReviewServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerReviewServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("r\_id") != null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerReviewServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerReviewServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerReviewServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| CustomerManagerServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getSession().getAttribute("customerManager") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** message("Solo il catalogue manager può effettuare questa operazione!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| CustomerManagerServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("id") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CustomerManagerServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

***3.1.3 Class Interface Controller- Gestione Interazione***

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| **Nome Classe** |
| FollowBooklistServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowBooklistServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getSession().getAttribute("personalCustomer")  == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** FollowBooklistServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowBooklistServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** message("HEYY, devi fare l'accesso prima!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** FollowBooklistServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| --- |
| **Nome Classe** |
| FollowBooklistServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowBooklistServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("follow") != null || request.getParameter("unFollow") != null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** FollowBooklistServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowBooklistServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** FollowBooklistServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| FollowEditServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowEditServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getSession().getAttribute("personalCustomer") || request.getParameter("follow") != null || request.getParameter("unFollow") != null || request.getParameter("editProfile") != null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** FollowEditServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowEditServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** FollowEditServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| Followerservlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowersServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("Following")!=null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** Followerservlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowersServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:**  request.setAttribute("Following") && request.setAttribute("follows")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** FollowersServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| Followerservlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowersServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("Followers")!=null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** Followerservlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** FollowersServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:**  request.setAttribute("Followers") && request.setAttribute("follows")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** FollowersServlet :: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

***3.1.4 Class Interface Controller- Gestione Libri***

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| **Nome Classe** |
| CatalogueManagerCreazioneModificaServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerCreazioneModificaServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getSession().getAttribute("catalogueManager") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerCreazioneModificaServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerCreazioneModificaServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:**  message("Solo il catalogue manager può effettuare questa operazione!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerCreazioneModificaServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| CatalogueManagerCreazioneModificaServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerCreazioneModificaServlet :: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("isbn\_modifica") != “”  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerCreazioneModificaServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerCreazioneModificaServlet :: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerCreazioneModificaServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| CatalogueManagerInserimentoRimozioneServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getSession().getAttribute("catalogueManager") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:**  message("Solo il catalogue manager può effettuare questa operazione!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| CatalogueManagerInserimentoRimozioneServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("operazione") != null && request.getParameter("operazione") ="modifica”  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** request.setAttribute("operazione") && request.setAttribute("book") && request.setAttribute("authors")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| CatalogueManagerInserimentoRimozioneServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getParameter("operazione") != null && request.getParameter("operazione") !="modifica”  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet :: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** request.setAttribute("operazione")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CatalogueManagerInserimentoRimozioneServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

***3.1.5 Class Interface Controller- Gestione Ticket***

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| **Nome Classe** |
| AllTicketServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :**  request.getSession().getAttribute("personalCustomer") == null && equest.getSession().getAttribute("customerManager") == null && request.getSession().getAttribute("systemManager") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CAllTicketServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** message("Bisogna prima effettuare l'accesso!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| AllTicketServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getSession().getAttribute("customerManager") != null || request.getSession().getAttribute("systemManager") |= null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CAllTicketServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** request.setAttribute("ticketsR") && request.setAttribute("tickets")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| AllTicketServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre :** request.getSession().getAttribute("personalCustomer) != null ||  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** CAllTicketServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:**  request.setAttribute("tickets")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** AllTicketServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| NewMessageServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** NewMessageServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** NewMessageServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getSession().getAttribute(“personalCustomer”) != null |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** NewMessageServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** NewMessageServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse)  **post:** session.removeAttribute("ticket") && request.setAttribute("tickets") |

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| **Nome Classe** |
| NewMessageServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** NewMessageServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** NewMessageServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getSession().session.getAttribute("customerManager") != null ||  request.getSession().session.getAttribute("systemManager") != null |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** NewMessageServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** NewMessageServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse)  **post:** session.removeAttribute("ticket") && request.setAttribute("tickets") && request.setAttribute("ticketsR") |

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| **Nome Classe** |
| NewTicketServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** NewTicketServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** NewTicketServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getSession().getAttribute"customerManager") != null || request.getSession().getAttribute("systemManager") != null |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** NewTicketServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** NewTicketServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse)  **post:** message("Errore! L'admin non può creare il ticket") |

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| **Nome Classe** |
| NewTicketServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** NewTicketServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** NewTicketServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getSession().getAttribute("customerManager") == null && request.getSession().getAttribute("systemManager") == null && request.getSession().getAttribute(“personalCustomer”) != null |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** NewTicketServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** NewTicketServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse)  **post:** request.setAttribute("tickets") |

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| **Nome Classe** |
| TicketViewServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getParameter("name") == null && request.getSession().getAttribute("personalCustomer") == null && request.getSession().getAttribute("customerManager") == null && request.getSession().getAttribute("systemManager") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** message(Bisogna prima effettuare l'accesso!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| TicketViewServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getParameter("name") == null && request.getSession().getAttribute("personalCustomer") != null || request.getSession().getAttribute("customerManager") != null || request.getSession().getAttribute("systemManager") != null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** request.setAttribute("messages")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| TicketViewServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getParameter("name") = “accept” &&  request.getSession().getAttribute("customerManager") == null && request.getSession().getAttribute("systemManager") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** message(Solo il customer manager e il system managere possono effettuare quest'operazione!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| TicketViewServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getParameter("name") = “accept” &&  request.getSession().getAttribute("customerManager") != null || request.getSession().getAttribute("systemManager") != null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** request.setAttribute("ticket") && request.setAttribute("ticketR")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |

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| **Nome Classe** |
| TicketViewServlet |
| Attributi |
| - |
| Metodi |
| +doGet(HttpServletRequest request, HttpServletResponse response) : void  +doPost(HttpServletRequest request, HttpServletResponse response) : void |
| Pre-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Get(request:HttpServletRequest,response:HttpServletResponse)  **pre:** request.getParameter("name") = “delete” &&  request.getSession().getAttribute("customerManager") == null && request.getSession().getAttribute("systemManager") == null && request.getSession().getAttribute("personalCustomer") == null  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do Post(request:HttpServletRequest,response:HttpServletResponse) |
| Post-condizione |
| doGet(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Get(request:HttpServletRequest,response:HttpServletResponse)  **post:** message(Bisogna prima effettuare l'accesso!!")  doPost(HttpServletRequest request, HttpServletResponse  response):  **context** TicketViewServlet:: do  Post(request:HttpServletRequest,response:HttpServletResponse) |