| Program | Contoller | Console | Database |

start

Show(a_view,a_registry)

presentMainMenu ()

readXml()

Return Object Data

Ask for use Input

User Input

isInteger(input)

Return input if valid else ask for new input

presentAddName ()

Ask for user input

User Input String name

Return String name

| ErrorHandling |

checkName (name)

Return name if String is not empty else ask for new input

presentAddPersonalNumber ()

Ask for user input

User input personal number

Return String personal number

checkPnr(String pnr)

Return String if valid else ask for new input

| Registry |

addMember (String name , String personalNumber)

writeXml(Data a_data)