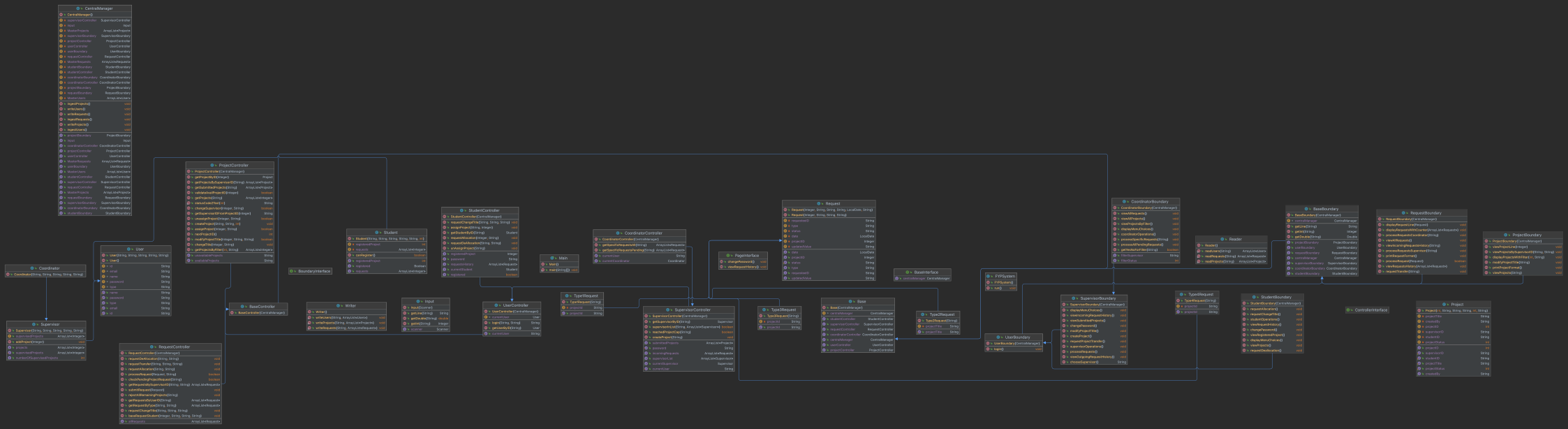
CentralManager
CentralManager()
supervisorController : SupervisorController
input : Input
MasterProjects : ArrayList.MasterProjects
supervisorBoundary : SupervisorBoundary
projectController : ProjectController
userController : UserController
userBoundary : UserBoundary
requestController : RequestController
MasterRequests : ArrayList.MasterRequests
studentBoundary : StudentBoundary
studentController : StudentController
coordinatorBoundary : CoordinatorBoundary
coordinatorController : CoordinatorController
projectBoundary : ProjectBoundary
requestBoundary : RequestBoundary
students : ArrayList.Students
signUpProjects() : void
writeUsers() : void
writeRequests() : void
readRequests() : void
writeProjects() : void
readUsers() : void
projectBoundary : ProjectBoundary
input : Input
coordinatorController : CoordinatorController
projectController : ProjectController
userController : UserController
MasterRequests : ArrayList.MasterRequests
userBoundary : UserBoundary
MasterUsers : ArrayList.MasterUsers
studentController : StudentController
supervisorController : SupervisorController
requestController : RequestController
MasterProjects : ArrayList.MasterProjects
requestBoundary : RequestBoundary
supervisorBoundary : SupervisorBoundary
coordinatorBoundary : CoordinatorBoundary
studentBoundary : StudentBoundary
ProjectController
ProjectController(CentralManager)
getProjectById(int):Project
getProjectBySupervisorID(String):ArrayList.Projects
getStudentRelatedProjects(String):ArrayList.Projects
validateMaxProjectID(Project):boolean
getProjects(String):ArrayList.Projects
validateCodeThat():String
changeSupervisor(Project, String):boolean
getSupervisorNfromProjectID(Project):String
unassignProject(Project, String):boolean
createProject(String, String, int):void
assignProject(Project, String):boolean
rejectProject(Id):void
recallProjectTitle(Project, String, String):boolean
changeTitle(Project, String):void
getProjectByTitle(int, String):ArrayList.Projects
unassignAllProjects:String
generateProjects:String
Student
Student(String, String, String, String, String, int)
requestedProject:int
requests:ArrayList.Requests
configured():boolean
registeredProject:int
registered:Boolean
requests:ArrayList.Requests
StudentController
StudentController(CentralManager)
getStudentByID(String, String, String, String):void
assignProject(String, Integer):void
getStudentById(String):Student
requestAllocation(Integer, String):void
requestDeallocate(String, String):void
unAssignProject(String):void
registerRequest:Integer
password:String
requestHistory:ArrayList.Requests
currentStudent:Student
registered:boolean
CoordinatorController
CoordinatorController(CentralManager)
getSpecialRequestById(String):ArrayList.Requests
getSpecialRequestPendingFilter():ArrayList.Requests
currentUser:String
currentCoordinator:Coordinator
Main
Main()
main(String[]):void
PageInterface
showRequests():void
viewRequestHistory():void
BaseInterface
setMainManager:CentralManager
BoundaryInterface
Request
Request(Integer, String, String, String, LocalDate, String)
requestID:Integer
type:String
status:String
date:LocalDate
projectID:Integer
updatedValue:String
date:LocalDate
projectID:Integer
status:String
type:String
requestID:Integer
updatedValue:String
Reader
Reader()
readUsers(String):ArrayList.Users
readRequests(String):ArrayList.Requests
readProjects(String):ArrayList.Projects
CoordinatorBoundary
CoordinatorBoundary(CentralManager)
viewRequests():void
viewAllProjects():void
viewProjectsBySelf():void
displayMenuChoices():void
coordinatorOperations():void
processSpecificRequests(String):void
processAllPendingRequests():void
getNewFormFilter(String):boolean
filterSupervisor:String
filterStatus:int
BaseBoundary
BaseBoundary(CentralManager)
currentManager:CentralManager
getLine(String):String
getint(String):Integer
getDouble(String):Double
promptBoundary:PromptBoundary
userBoundary:UserBoundary
requestBoundary:RequestBoundary
controllerManager:CentralManager
supervisorBoundary:SupervisorBoundary
coordinatorBoundary:CoordinatorBoundary
studentBoundary:StudentBoundary
RequestBoundary
RequestBoundary(CentralManager)
displayRequestsLine(Request):void
displayRequestsWithCounter(Integer, LocalRequests):void
processRequestsCancelable(String):void
viewAllRequests():void
viewScanningRequestsHistory(String):void
processRequestsAccepted(String):void
printRequestFormat():void
processRequestsPending():boolean
viewRequestsHistory(ArrayList.LocalRequests):void
requestTransfer(String):void
ProjectBoundary
ProjectBoundary(CentralManager)
viewProjectsUnder(Project):void
viewProjectsSupervised(String, String):void
displayProjectWithTheirCo...(String):void
readyProjectTitle(String):void
printProjectFormat():void
viewProjects(String):void
Coordinator
Coordinator(String, String, String, String, String)
User
User(String, String, String, String, String)
User()
id:String
email:String
name:String
password:String
type:String
name:String
password:String
type:String
email:String
id:String
BaseController
BaseController(CentralManager)
Writer
Writer()
writeUsers(String, ArrayList.Users):void
writeProjects(String, ArrayList.Projects):void
writeRequests(String, ArrayList.Requests):void
Input
Input(Scanner)
getLine(String):String
getDoubleInt(String):double
getint(String):Integer
scanner:Scanner
UserController
UserController(CentralManager)
currentUser:User
login(String, String):User
getUserById(String):User
currentUser:String
TypeRequest
TypeRequest(String)
projectID:String
projectID:String
SupervisorController
SupervisorController(CentralManager)
getSupervisorById(String):Supervisor
supervisorExist(String, ArrayList.Supervisors):boolean
maxProjectCapEnting():boolean
updateProjectCEnting():void
submittedProjects:ArrayList.Projects
password:String
receivingProjects:ArrayList.Projects
supervisor_id:String
currentSupervisor:Supervisor
currentUser:String
Type3Request
Type3Request(String)
projectID:String
projectID:String
Base
Base(CentralManager)
centralManager:CentralManager
studentController:StudentController
supervisorController:SupervisorController
requestController:RequestController
coordinatorController:CoordinatorController
centralManager:CentralManager
userController:UserController
projectController:ProjectController
Type2Request
Type2Request(String)
projectTitle:String
projectTitle:String
FYPSystem
FYPSystem()
run():void
UserBoundary
UserBoundary(CentralManager)
login():void
SupervisorBoundary
SupervisorBoundary(CentralManager)
displayMenuChoices():void
viewScanningRequestsHistory():void
viewScanningRequestsPending():void
changePassword():void
viewAllProjectTitle():void
createProject():void
requestProjectTransfer():void
supervisorOpenForms():void
processRequests():void
viewOutgoingRequestHistory():void
chooseSupervisor():String
TypeRequest
TypeRequest(String)
projectID:String
projectID:String
StudentBoundary
StudentBoundary(CentralManager)
requestAllocation():void
requestChangeTitle():void
studentOperations():void
viewRequestsHistory():void
changePassword():void
viewRegisteredProject():void
displayMenuChoices():void
viewProjects():void
requestDeallocate():void
ControlleInterface
Project
Project()
Project(int, String, String, String, int, String)
projectTitle:String
creatorID:String
projectID:int
supervisorID:String
studentID:String
projectStatus:int
id:int
supervisorID:String
studentID:String
projectTitle:String
projectStatus:int
creatorID:String
RequestController
RequestController(CentralManager)
requestAllocation(String, String):void
requestTransfer(String, String, String):void
requestAllocation(String, String):void
processRequest(Request, String):void
checkRecordingRequest(String):boolean
getRequestedBySupervisorID(String, String):ArrayList.Requests
submitRequest(Request):void
rejectAllRemainingProjects(String):void
getRequestsByUserID(String):ArrayList.Requests
getRequestByType(String, String):ArrayList.Requests
requestTransferTitle(String, String, String):void
basicRequestStudent(Integer, String, String, String):void
allRequests:ArrayList.Requests