

JSON Object Communication Format

From Clients:

case: "login"

{ "MessageType", "login" }

{ "usertype", Stringvalue } // value is company or student

{ "ID", Stringvalue }

{ "pwd", Stringvalue }

case: "companyregister"

{ "MessageType", "companyregister" }

{ "CompanyName", Stringvalue }

{ "ID", Stringvalue }

{ "Password", Stringvalue }

{ "Location", Stringvalue }

{ "Contact number", Stringvalue }

case: "studentregister"

{"MessageType", "studentregister"}

{"StudentName", Stringvalue}

{"ID", Stringvalue}

{"Password", Stringvalue}

{"Grade", intvalue}

{"Age", intvalue}

{"Gpa", Doublevalue}

{"Contact number", Stringvalue}

{"Sex", Stringvalue}

{"TechSkills", JSONArray}

{"NonTechSkills", JSONArray}

case: "newrequest"

{"MessageType", "newrequest"}

{"ID", Stringvalue}

{"Position", Stringvalue}

{"StartDate", Stringvalue}

{"EndDate", Stringvalue}

{"Payment", Stringvalue}

{"NumberOfStudents", intvalue}

{"DueDate", Stringvalue}

{"Grade", intvalue}

{"Description", Stringvalue}

{"TechSkills", JSONArray}

{"NonTechSkills", JSONArray}

case: "getresults"

{"MessageType", "getresults"}

{"ID", Stringvalue}

case: "getrequests"

{"MessageType", "getrequests"}

{"ID", Stringvalue}

case: "answer"

{"MessageType", "answer"}

{"ID", Stringvalue}

{"RequestID", intvalue}

{"Answer", Stringvalue}

case: "studentidValidation"

{"MessageType", "studentidValidation"}

{"ID", Stringvalue}

case: "companyidValidation"

{"MessageType", "companyidValidation"}

{"ID", Stringvalue}

case: "VersionCheck"

{"MessageType", "VersionCheck"}

{"ClientVersion", Stringvalue}

From Server:

case: "newrequest"

{"error", boolean value}

case: "getresults"

{"Title", Stringvalue}

{"Date", Stringvalue}

{"Complete", boolean value}

{"Students", JSONObject}

case: "getrequests"

{"Requests", JSONObject}

case: others

{"valid", boolean value}