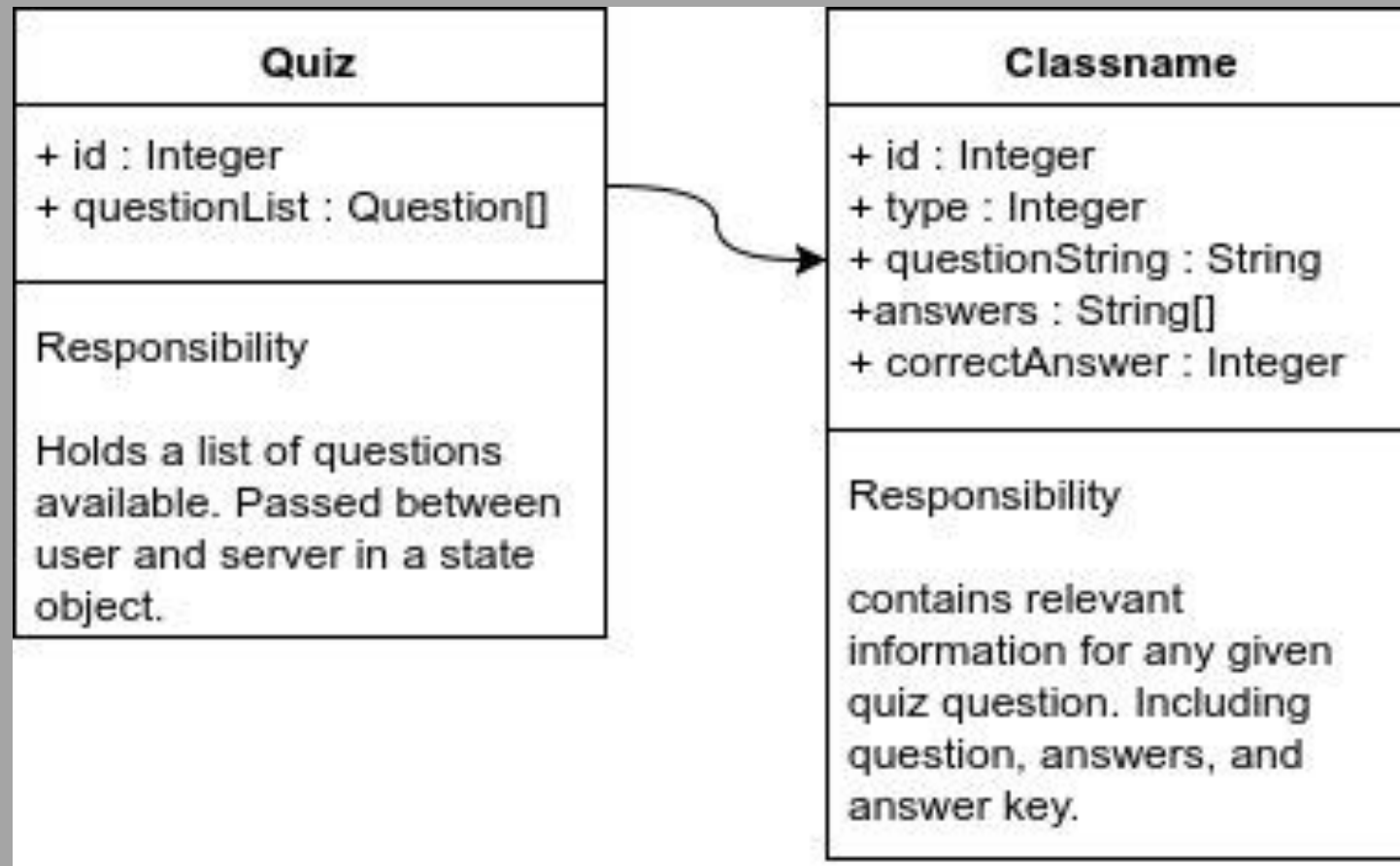


Google Home Trivia App Software Detailed Design Report

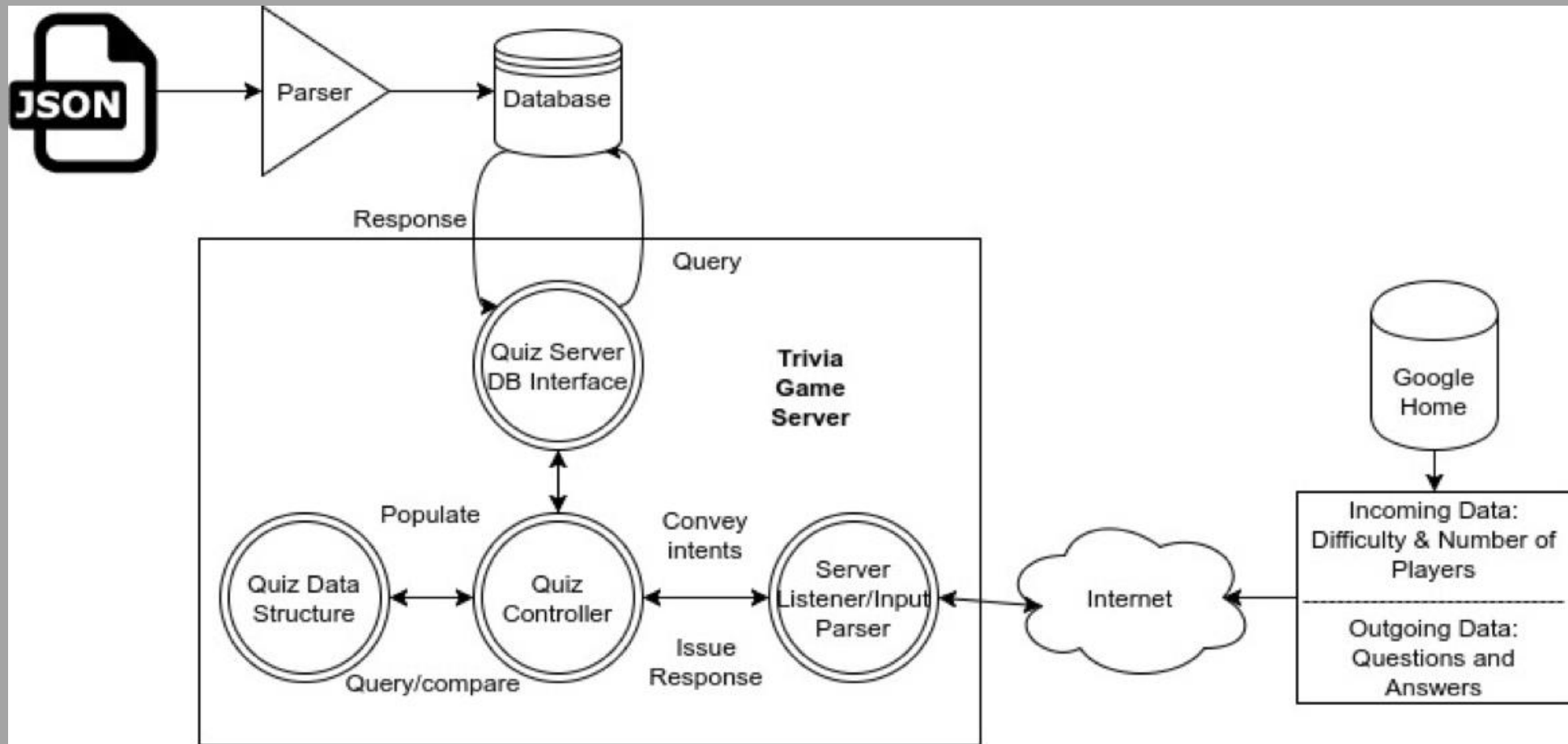
Team MGN

Joseph Olin, Ben Pister, Michael Roark

Data Structures



Architecture



Interface Design

- `exports.triviaHandler = functions.https.onRequest((req, res) => {})`
 - The “Server Listener”
 - The handler that catches the web request from the Google Home client
- `loadQuiz`
 - The “Quiz Server DB Interface”
 - Loads quiz Question set into conversation session
 - Can load from another Node.js module or via a database query

Procedural Design

- triviaHandler (command interpreter)
- welcomeMessage
- getNumberOfPlayers
- getDifficulty
- loadQuiz
- buildQuestionString
- retrieveQuestion
- getAnswerMessageString
- isGameOver