

Role	API	end-point	method	Request	Response	Query Parameters
Student	GetQuiz	/api/getquiz	GET	GET <a href="https://localhost:8080/api/getquiz">https://localhost:8080/api/getquiz</a> "Content-Type: application/json"	<pre>{   "quiz": [     {       "question_id": 1,       "category": "Java",       "question": "Number of primitive data types in Java are?",       "option1": 6,       "option2": 7,       "option3": 8,       "option4": 9,       "answer": 8,       "choice": null,       "quizid": 1011,       "_links": {         "self": {           "href": "http://localhost:8080/api/getquiz"         }       },       "result": {         "href": "http://localhost:8080/api/getquiz"       }     },     {       "question_id": 2,       "category": "Java",       "question": "Number of primitive data types in Java are?",       "option1": 6,       "option2": 7,       "option3": 8,       "option4": 9,       "answer": 8,       "choice": null,       "quizid": 1011,       "_links": {         "self": {           "href": "http://localhost:8080/api/getquiz"         }       },       "result": {         "href": "http://localhost:8080/api/getquiz"       }     },     {       "question_id": 3,       "category": "Java",       "question": "Number of primitive data types in Java are?",       "option1": 6,       "option2": 7,       "option3": 8,       "option4": 9,       "answer": 8,       "choice": null,       "quizid": 1011,       "_links": {         "self": {           "href": "http://localhost:8080/api/getquiz"         }       },       "result": {         "href": "http://localhost:8080/api/getquiz"       }     },     {       "question_id": 4,       "category": "Java",       "question": "Number of primitive data types in Java are?",       "option1": 6,       "option2": 7,       "option3": 8,       "option4": 9,       "answer": 8,       "choice": null,       "quizid": 1011,       "_links": {         "self": {           "href": "http://localhost:8080/api/getquiz"         }       },       "result": {         "href": "http://localhost:8080/api/getquiz"       }     }   ] }</pre>	
Student	SubmitQuiz	/api/submit	POST	POST <a href="https://localhost:8080/api/submit">https://localhost:8080/api/submit</a> "Content-Type: application/json" { "choice": [2,3,1,2] }	<pre>{   "result": {     "userid": 123,     "quizid": 1011,     "correctanswer": 4,     "_links": {       "self": {         "href": "http://localhost:8080/api/getresultgradebook/1011"       }     },     "result": {       "href": "http://localhost:8080/api/getresultgradebook/1011"     }   } }, {   "userid": 123,   "quizid": 1012,   "correctanswer": 3,   "_links": {     "self": {       "href": "http://localhost:8080/api/getresultgradebook/1012"     }   },   "result": {     "href": "http://localhost:8080/api/getresultgradebook/1012"   } } ]</pre>	
when student open gradebook	GetResultOfAllQuizzesGrade	/api/getresultgradebook	GET	GET <a href="https://localhost:8080/api/getresultgradebook">https://localhost:8080/api/getresultgradebook</a> "Content-Type: application/json"	<pre>{   "userid": 123,   "quizid": 1011,   "correctanswer": 4,   "_links": {     "self": {       "href": "http://localhost:8080/api/getresultgradebook/1011"     }   },   "result": {     "href": "http://localhost:8080/api/getresultgradebook/1011"   } }, {   "userid": 123,   "quizid": 1013,   "correctanswer": 2,   "_links": {     "self": {       "href": "http://localhost:8080/api/getresultgradebook/1013"     }   },   "result": {     "href": "http://localhost:8080/api/getresultgradebook/1013"   } } ]</pre>	
Student	GetResultCategory	/api/getresultcategory	GET	GET <a href="https://localhost:8080/api/getresultcategory">https://localhost:8080/api/getresultcategory</a> "Content-Type: application/json"	<pre>{   "userid": 123,   "category": "Java",   "correctanswer": 7,   "_links": {     "self": {       "href": "http://localhost:8080/api/getresultcategory"     }   },   "result": {     "href": "http://localhost:8080/api/getresultcategory"   } }</pre>	/api/getresultcategory?category={categoryname}

		Student	GetOverallResult	/api/getresultoverall	GET	GET <a href="https://localhost:8080/api/getresultoverall">https://localhost:8080/api/getresultoverall</a> { "Content-Type: application/json"	result: { "userid": 123, "correctanswer": 10, "_links": { "self": { "href": "http://localhost:8080/api/getresultoverall" }, "result": { "href": "http://localhost:8080/api/getresultoverall" } } }	
		Student	GetInstantResult	/api/getresultbyquizid	GET	GET <a href="https://localhost:8080/api/getresultbyquizid">https://localhost:8080/api/getresultbyquizid</a> { "Content-Type: application/json"	result: { "userid": 123, "quizid": 1011, "correctanswer": 4, "_links": { "self": { "href": "http://localhost:8080/api/getresultbyquizid/1011" }, "result": { "href": "http://localhost:8080/api/getresultbyquizid/1011" } } }	/api/getresultbyquizid?quizid=[quizid]
		Admin	GetAllStudentswithGrade	/api/allstudentresult	GET	GET <a href="https://localhost:8080/api/allstudentresult">https://localhost:8080/api/allstudentresult</a> { "Content-Type: application/json"	result: { "userid": 123, "quizid": 1011, "totalmark": 8, "_links": { "self": { "href": "http://localhost:8080/api/allstudentresult" }, "result": { "href": "http://localhost:8080/api/allstudentresult" } } }	

						{ "quiz": [ { "question_id": 1, "category": "Java", "question": "Number of primitive data types in Java are?", "option1": 6, "option2": 7, "option3": 8, "option4": 9, "answer": 8, "choice": null, "quid": 1011, "_links": { "self": { "href": "http://localhost:8080/api/getquiz" } }, "result": { "href": "http://localhost:8080/api/getquiz" } }, { "question_id": 2, "category": "Java", "question": "Number of primitive data types in Java are?", "option1": 6, "option2": 7, "option3": 8, "option4": 9, "answer": 8, "choice": null, "quid": 1011, "_links": { "self": { "href": "http://localhost:8080/api/getquiz" } }, "result": { "href": "http://localhost:8080/api/getquiz" } }, { "question_id": 3, "category": "Java", "question": "Number of primitive data types in Java are?", "option1": 6, "option2": 7, "option3": 8, "option4": 9, "answer": 8, "choice": null, "quid": 1011, "_links": { "self": { "href": "http://localhost:8080/api/getquiz" } }, "result": { "href": "http://localhost:8080/api/getquiz" } }, { "question_id": 4, "category": "Java", "question": "Number of primitive data types in Java are?", "option1": 6, "option2": 7, "option3": 8, "option4": 9, "answer": 8, "choice": null, "quid": 1011, "_links": { "self": { "href": "http://localhost:8080/api/getquiz" } }, "result": { "href": "http://localhost:8080/api/getquiz" } } ], }, { "question_id": 1, "category": "Java", "question": "Number of primitive data types in Java are?", "option1": 6, "option2": 7, "option3": 8, "option4": 9, "answer": 8, "choice": null, "quid": 1011, "_links": { "self": { "href": "http://localhost:8080/api/getquiz" } }, "result": { "href": "http://localhost:8080/api/getquiz" } }, { "question_id": 2, "category": "Java", "question": "Number of primitive data types in Java are?", "option1": 6, "option2": 7, "option3": 8, "option4": 9, "answer": 8, "choice": null, "quid": 1011, "_links": { "self": { "href": "http://localhost:8080/api/getquiz" } }, "result": { "href": "http://localhost:8080/api/getquiz" } }, { "question_id": 3, "category": "Java", "question": "Number of primitive data types in Java are?", "option1": 6, "option2": 7, "option3": 8, "option4": 9, "answer": 8 } }
Admin	GetAllQuizzes	/api/getquiz	GET	GET https://localhost: 8080/api/getquiz Content-Type: application/json"		