Jason

{

"users": {

"userId123": {

"username": "max",

"email": "max@example.com",

"role": "learner",

"points": 120,

"level": 3,

"createdAt": "2025-10-01T10:30:00Z",

"mistakes": {

"questionId\_42": {

"lastWrongAt": "2025-10-14T09:00:00Z"

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"notes": {

"questionId\_42": {

"content": "Need to review this concept again."

}

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"courses": {

"courseId\_uml": {

"title": "UML Basics",

"description": "Introduction to UML diagrams",

"difficulty": 1,

"requiredLevel": 1,

"isPublished": true,

"units": {

"unitId\_1": {

"title": "Class Diagrams",

"description": "Learn UML class diagrams",

"questionCount": 10,

"timeLimit": 600,

"unlockLevel": 1,

"questions": {

"questionId\_1": {

"questionText": "What does UML stand for?",

"answers": ["Unified Modeling Language", "Universal Markup Logic"],

"correctAnswerIndex": 0,

"points": 10,

"difficulty": 1,

"randomOrder": true

}

}

}

}

}

},

"attempts": {

"attemptId\_abc": {

"userId": "userId123",

"courseId": "courseId\_uml",

"unitId": "unitId\_1",

"score": 80,

"correctCount": 8,

"questionCount": 10,

"startTime": "2025-10-14T09:30:00Z",

"endTime": "2025-10-14T09:45:00Z"

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"feedback": {

"feedbackId\_01": {

"userId": "userId123",

"courseId": "courseId\_uml",

"unitId": "unitId\_1",

"message": "Please add more diagrams examples.",

"createdAt": "2025-10-14T10:00:00Z"

}

}

}

+----------------+

| User |

+----------------+

| username: String

| email: String

| role: String

| points: Int

| level: Int

| createdAt: Timestamp

+----------------+

+----------------+

| Course |

+----------------+

| title: String

| description: String

| difficulty: Int

| requiredLevel: Int

| isPublished: Boolean

+----------------+

Une image contenant texte, capture d’écran, Police, diagramme

Le contenu généré par l’IA peut être incorrect.

@endumlk

Une image contenant texte, diagramme, reçu, Police

Le contenu généré par l’IA peut être incorrect. Une image contenant texte, capture d’écran, Police, diagramme

Le contenu généré par l’IA peut être incorrect.

Une image contenant Graphique, Police, rouge, logo

Le contenu généré par l’IA peut être incorrect.