API Documentation

Overview

The EM Interview Prep API provides RESTful endpoints for managing companies, questions, stories, interviews, and user data.

Authentication

All API endpoints require authentication except for public company and question listings.

Headers

```
Authorization: Bearer <token>
Content-Type: application/json
```

Endpoints

Companies

GET /api/companies   List all companies with optional filtering.

Query Parameters: - `industry` - Filter by industry - `size` - Filter by company size - `limit` - Number of results (default: 50) - `offset` - Pagination offset

Response:

```json
{
  "companies": [
    {
      "id": 1,
      "name": "Google",
      "industry": "Technology",
      "size": "Large",
      "description": "Search and advertising company",
      "createdAt": "2023-01-01T00:00:00Z",
      "updatedAt": "2023-01-01T00:00:00Z"
    }
  ],
  "total": 100,
  "hasMore": true
}
```

GET /api/companies/[id]   Get detailed company information.

Response:

```json
{
  "id": 1,
```

```
  "name": "Google",
  "industry": "Technology",
  "size": "Large",
  "description": "Search and advertising company",
  "questions": [
    {
      "id": 1,
      "text": "Tell me about a time you led a team",
      "category": "Leadership",
      "difficulty": "Medium"
    }
  ],
  "createdAt": "2023-01-01T00:00:00Z",
  "updatedAt": "2023-01-01T00:00:00Z"
}
```

Questions

GET /api/questions   List questions with filtering options.

Query Parameters: - `category` - Filter by question category - `difficulty` - Filter by difficulty level - `companyId` - Filter by company - `limit` - Number of results - `offset` - Pagination offset

POST /api/questions   Create a new question.

Request Body:

```
{
  "text": "Describe a challenging project you managed",
  "category": "Project Management",
  "difficulty": "Hard",
  "companyId": 1
}
```

Stories

GET /api/stories   List user's STAR stories.

POST /api/stories   Create a new STAR story.

Request Body:

```
{
  "title": "Led team through crisis",
  "situation": "Our main server went down during peak hours",
  "task": "Restore service and prevent future outages",
  "action": "Coordinated with team, implemented backup plan",
```

```
  "result": "Service restored in 30 minutes, 99.9% uptime achieved",
  "tags": ["leadership", "crisis management"]
}
```

Interviews

GET /api/interviews   List interview sessions.

POST /api/interviews   Create new interview session.

Request Body:

```
{
  "companyId": 1,
  "position": "Engineering Manager",
  "date": "2023-12-01T10:00:00Z",
  "type": "behavioral",
  "status": "scheduled"
}
```

Error Handling

All endpoints return consistent error responses:

```
{
  "error": {
    "code": "VALIDATION_ERROR",
    "message": "Invalid input data",
    "details": {
      "field": "email",
      "message": "Invalid email format"
    }
  }
}
```

Rate Limiting

- 100 requests per minute per user
- 1000 requests per hour per user
- Rate limit headers included in responses

Webhooks

Configure webhooks for real-time updates:

- `interview.created`
- `interview.updated`
- `story.created`

- `question.answered`