**1. Job Boards**

A job board website connects employers with job seekers by listing job postings and applications.

**1.1 Jobs Endpoint**

**Data Object:**

json

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{

"id": 1,

"title": "Software Engineer",

"description": "Job Description",

"company": "Tech Corp",

"location": "Remote",

"salary": 80000.00,

"postedDate": "2025-04-08T12:00:00Z"

}

**Responses:**

* GET /api/jobs: Returns an array of job objects.
* POST /api/jobs: Returns the created job object.
* GET /api/jobs/{id}: Returns the job object with the specified ID.
* PUT /api/jobs/{id}: Returns the updated job object.
* PATCH /api/jobs/{id}: Returns the partially updated job object.
* DELETE /api/jobs/{id}: Returns a success message.

**1.2 Applications Endpoint**

**Data Object:**

json

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{

"id": 1,

"jobId": 1,

"userId": 1,

"resume": "URL\_to\_resume.pdf",

"coverLetter": "Cover Letter Content",

"appliedDate": "2025-04-08T12:00:00Z",

"status": "submitted"

}

**Responses:**

* GET /api/applications: Returns an array of application objects.
* POST /api/applications: Returns the created application object.
* GET /api/applications/{id}: Returns the application object with the specified ID.
* PUT /api/applications/{id}: Returns the updated application object.
* PATCH /api/applications/{id}: Returns the partially updated application object.
* DELETE /api/applications/{id}: Returns a success message.

**2. Event Management Websites**

An event management website allows users to create, browse, and register for events like concerts, workshops, or conferences.

**2.1 Events Endpoint**

**Data Object:**

json

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{

"id": 1,

"title": "Tech Conference 2025",

"description": "Event Description",

"organizerId": 1,

"location": "Convention Center",

"startDate": "2025-06-15T09:00:00Z",

"endDate": "2025-06-16T17:00:00Z",

"ticketPrice": 150.00

}

**Responses:**

* GET /api/events: Returns an array of event objects.
* POST /api/events: Returns the created event object.
* GET /api/events/{id}: Returns the event object with the specified ID.
* PUT /api/events/{id}: Returns the updated event object.
* PATCH /api/events/{id}: Returns the partially updated event object.
* DELETE /api/events/{id}: Returns a success message.

**2.2 Registrations Endpoint**

**Data Object:**

json

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{

"id": 1,

"eventId": 1,

"userId": 1,

"registrationDate": "2025-04-08T12:00:00Z",

"status": "confirmed",

"ticketCount": 2

}

**Responses:**

* GET /api/registrations: Returns an array of registration objects.
* POST /api/registrations: Returns the created registration object.
* GET /api/registrations/{id}: Returns the registration object with the specified ID.
* PUT /api/registrations/{id}: Returns the updated registration object.
* PATCH /api/registrations/{id}: Returns the partially updated registration object.
* DELETE /api/registrations/{id}: Returns a success message.

**3. Online Marketplace for Services**

This platform connects service providers (e.g., freelancers) with clients seeking services like graphic design, tutoring, or plumbing.

**3.1 Services Endpoint**

**Data Object:**

json

CollapseWrapCopy

{

"id": 1,

"title": "Graphic Design",

"description": "Service Description",

"providerId": 1,

"category": "Design",

"pricePerHour": 50.00,

"availability": "Mon-Fri, 9AM-5PM"

}

**Responses:**

* GET /api/services: Returns an array of service objects.
* POST /api/services: Returns the created service object.
* GET /api/services/{id}: Returns the service object with the specified ID.
* PUT /api/services/{id}: Returns the updated service object.
* PATCH /api/services/{id}: Returns the partially updated service object.
* DELETE /api/services/{id}: Returns a success message.

**3.2 Bookings Endpoint**

**Data Object:**

json

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{

"id": 1,

"serviceId": 1,

"clientId": 1,

"bookingDate": "2025-04-10T14:00:00Z",

"durationHours": 2,

"totalPrice": 100.00,

"status": "pending"

}

**Responses:**

* GET /api/bookings: Returns an array of booking objects.
* POST /api/bookings: Returns the created booking object.
* GET /api/bookings/{id}: Returns the booking object with the specified ID.
* PUT /api/bookings/{id}: Returns the updated booking object.
* PATCH /api/bookings/{id}: Returns the partially updated booking object.
* DELETE /api/bookings/{id}: Returns a success message.