

## Node.js Backend Developer Challenge

**Deadline: Tuesday, Oct 31**

**Objective:** Develop a RESTful API using Node.js for managing books.

### Features:

1. **CRUD operations:** Users should be able to:
  - Add a new book (title, author, summary)
  - View a list of all books
  - View details of a specific book by its ID
  - Update a book's details
  - Delete a book
2. **Database:** Use MongoDB for storing book data. You can utilize cloud solutions like MongoDB Atlas or set up a MongoDB instance on a local server or virtual machine.
3. **Video Demonstration:**
  - Record a video demonstrating all CRUD operations.
  - The video should cover all possible test cases, including edge cases such as attempting to view, update, or delete a non-existent book.
  - Upload the video to a platform of your choice (e.g., YouTube, Vimeo) and provide a link.
4. **Documentation:** Include a README within the GitHub repository that contains:
  - API endpoints and their usage
  - Instructions to set up and run the application locally
  - Any decisions or assumptions you made during the development process

### Bonus Points:

1. Deploy the API on any server of your choice, including Linux-based servers. Detail the deployment process in the README or in the video.

---

**Submission Instructions:**

Please use this google form to submit the assignment -

<https://forms.gle/K39d2pp1JGMREK8k6>

**Thank you and all the best!**