

# Simple Assessment

It takes no more than 30 minutes



⌘ You can find another test on the left tab of this document

## Backend developer assessment:

You can access the demo project here:

<https://bitbucket.org/dredsoftlabs/prohouse/src/main/>

Task: Run the demo project and create a simple RESTful API:

- Description: Add a basic CRUD (Create, Read, Update, Delete) API for a "Notes" application into this project.
- Requirements:
  - Implement endpoints:
    - POST /notes to create a new note.
    - GET /notes to retrieve all notes.
    - GET /notes/:id to retrieve a specific note by ID.
    - PUT /notes/:id to update a note.
    - DELETE /notes/:id to delete a note.
  - Use an in-memory data structure (like an array or dictionary) to store the notes (no need for a database).
  - The result is displayed on the console or a simple page on the frontend.

**Deliverables:**

- Record a video of how it works.
- Send the video after completion.