Node.js site Guestbook –application (12 p.)

Create a Guestbook app which will allow users to add messages to a public guestbook page. Messages will be saved to a JSON file. Use Bootstrap of Pure.css to add styling.

Add three routes to your application: "/", "/guestbook" and "newmessage".

1. / –route should display the frontpage of the site. You can make up this content yourself, it can be a Company / Service introductory / greetings page etc. If you wish, you can use demosite from Optima as a template. The page should have navigation links which lead to other routes in the app.

2. /guestbook –route should load a JSON-file and parse it nicely on the page as a formatted table (use either Bootstrap or Pure.css to beautify the table). The demo JSON file is given available here; http://pastebin.com/VpbJqSic.
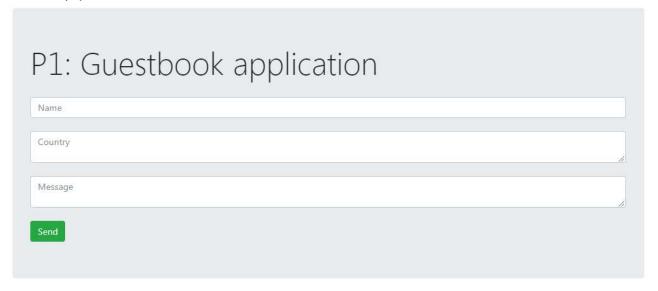
Messages

#	Name	Country	Message
1	Mika	Finland	Mitä kuuluu?
2	Matti	Sweden	Heja Sverige!
3	@baddude!	Canada	Hello World!

3. /newmessage –route should add an input form to the page template created on part A. Form should have fields for the following data: username, country and message and a button which enables user to send it. (use either Bootstrap or Pure.css to add styling to the page). Don't

allow empty fields to be submitted.

P1: Guestbook application

Name

Country

Message

Send

When the form is submitted, the collected data should be saved as JSON data to the data file. Sample dataset can be seen below:

```json
{
  "id": "2",
  "username": "Sofia",
  "country": "Macau",
  "date": "Mon Apr 05 1993 09:12:01 GMT+0300 (FLE Daylight Time)",
  "message": "Hello world!"
}
```

Use JavaScripts Date() –function to store the timestamp of the submission. Id is not necessary in our app, but if you wish, you can create one for each item as well.

4. Publish the application in your GitHub repository. Deploy to Heroku. Return links to both Heroku app and GitHub-repo.