

Project 5 (Week 7)

This project builds on Project 4, including the following aspects that you are required to work on:

1. Set up MongoDB as an add-on element to your Node.js server.
2. Redo the server-side submission handling of the *feedback form*
 - 1) Store the form data on the server-side using MongoDB instead of a JSON data file.
 - 2) In addition to sending a “Thank You” email, your server responds with a dynamically generated *webpage* (html file) containing the following message
“***Thank you for your feedback. You are my n -th honored guest who left feedback***” (here n is the count of guests/users left feedback recorded in your database.)
 - 3) [Optional for bonus] When an existing guest/user (e.g., can be simply identified by the same email address, for example) resubmit feedback, you shall respond another dynamically generated html page with a corresponding message such as “Thank you for revisiting. Your feedback has been updated.” (You must accordingly update the user’s data on the server-side either by simply replacing the previous feedback record entirely or recording only the changed items.)

Submission requirement:

- In the submission comment area, clearly indicate which of the above required items are completed and working (or not working properly). If you have your project successfully hosted at Heroku or elsewhere, please include the full link (URL) of your project’s main page as the first line of your comments. If you only have your project running locally (on your machine), you must also explicitly comment on it (make it clear in your video demo, see below).
- Pack all **your** source files (not including any downloaded modules files) into a zip file, and upload to the submission folder of Project 5 at D2L.
- Your submission must also include a short video demo (no more than 2 minutes) showing the requirement are fulfilled or what (if any) is not working. To demo items 2) and 3), you need to show the database content is indeed changed.
- **Note:** For recording your video demo, I recommend Apowersoft (a free screen recording service): <https://www.apowersoft.com/free-online-screen-recorder>. To use it, you only need to download the *launcher plug-in* for your browser (not the software) for the first time, which can be used again in the future. When recording, please include your voice explanation, **don’t submit a dumb demo!!**