**Daily Voice Developer Candidates Onboarding**

Thank you for your interest in working with us at Daily Voice. In order to evaluate your fitness for this role, we’ve created a development environment for you, and we’d like you to work on a real project from our backlog. We chose this project as one that’s representative of the type of work you’ll be doing on the job.

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**Accessing Your Development Environment**

Dev Server Username: irahman

Your Environment: irahman.code.n-ws.org

Your Database: newsnet\_code\_irahman

1. SSH into the development server using the SSH key you provided.
   1. ssh your-username@developer.n-ws.org
2. Navigate to your environment. This folder is a git clone of the “NewsNet” repository from GitHub, with a specific branch created and checked out for your changes.
   1. cd ~/agile/your-environment.code.n-ws.org/
3. Access your environment on the web, which is a fully functional copy of the site and Drupal admin functionality.
   1. http://your-environment.code.n-ws.org/
   2. Site Username: dev\_candidate
   3. Site Password: h4ppyf4rmers
4. Access the database for your environment.
   1. You can access MySQL over SSH with your SSH username and the SSH host developer.n-ws.org. You must use SSH. The MySQL server is not accessible directly over the Internet.
   2. MySQL host: dev-db-aws.n-ws.org
   3. MySQL username: drupal\_dev
   4. MySQL password: h4ppyf4rmers
   5. MySQL database: newsnet\_code\_your-environment
5. Make code changes to the files in your environment folder. Commit your changes to your branch and push to the matching branch on GitHub (do not commit, merge, or push to the master branch).

If you have questions, please message me on oDesk and I’ll help you out.

**The Project**

Our network consists of 41 “sites”, categorized into two “pods”. We identify each site by its own subdomain (<http://norwalk.dailyvoice.com>, <http://stamford.dailyvoice.com>). Each site belongs to either the Fairfield pod or the Westchester pod.

We are currently in the process of launching two weekly print newspapers, repurposing content from our sites. One newspaper will represent the Fairfield pod and another will represent the Westchester pod.

In preparation, we need to indicate on each article whether the article should be included in the print newspaper, then create an XML export each week that includes the article data for the newspaper.

Please complete the following tasks on your dev environment:

1. Update the “article” content type to include a new Boolean field representing whether the article should be in the print newspaper (false by default)
2. Add a checkbox to the “article” create / edit forms to modify this Boolean field. Style the checkbox and label to match the existing form.
3. Create a URL endpoint on the site where the user can specify start date, end date, and pod in the query string and get an XML file of all articles that should be included in the newspaper.

Data to include in the XML file for each article:

* Title
* Byline
* Body Copy
* Section
* Publish Date
* Original (full-size) Images
  + URL
  + Caption
  + Photo Credit

Once the project is complete to your satisfaction, push your changes to your branch on GitHub and message me on oDesk. We will review your code and your development site to assess the quality of your work.

**Some Notes on How We Use Drupal**

You may use drush in your environment like so: drush @env command

We have a very customized Drupal install, and some things will be different from what you’re used to if you have previous Drupal experience.

We use CCK and Features in Drupal, so when making changes to the data model, make sure the feature is updated as well in your codebase.

The most important thing to point out for now is that form fields won’t show up automatically. Each content-type has a file associated with it to specify which fields to show (eg. article.form\_tabs.php). You can determine the location of the form\_tabs file for a content type based on the feature that manages it.

Good luck! We look forward to seeing what you can do!