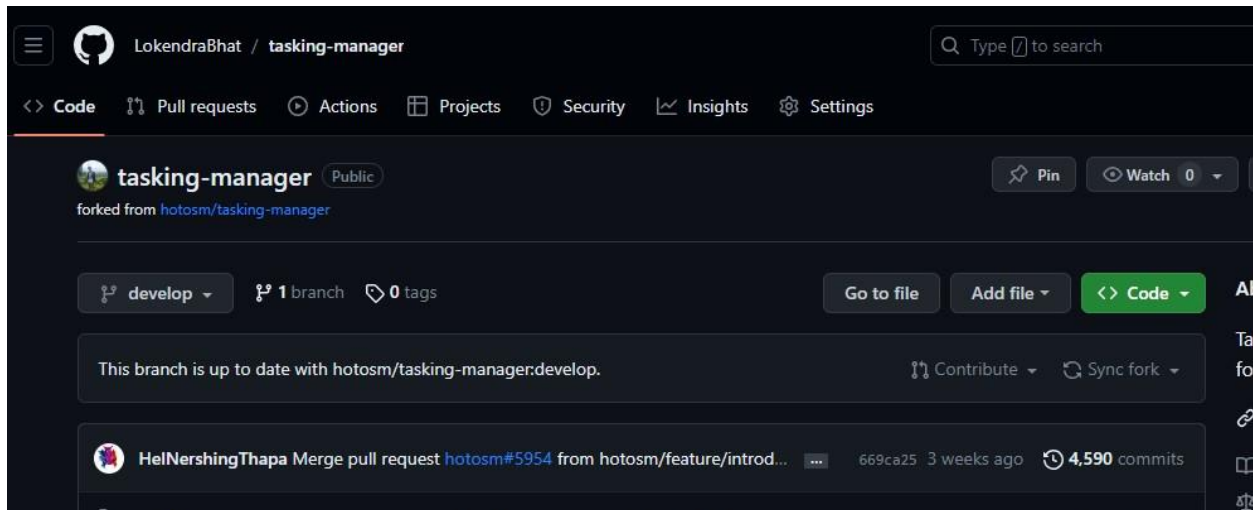


Step 1: Forked the repository from given source <https://github.com/hotosm/tasking-manager>



Step 2: Cloned the forked repository from GitHub using command

\$git clone <URL_of_FORKED_REPO>

```
PS C:\Users\Hp\OneDrive\Desktop\DevOps Task> git clone https://github.com/LokendraBhat/tasking-manager.git
Cloning into 'tasking-manager'...
remote: Enumerating objects: 42043, done.
remote: Counting objects: 100% (3898/3898), done.
remote: Compressing objects: 100% (1674/1674), done.
remote: Total 42043 (delta 2582), reused 3230 (delta 2214), pack-reused 38145
Receiving objects: 100% (42043/42043), 38.09 MiB | 2.92 MiB/s, done.
Resolving deltas: 100% (30395/30395), done.
Updating files: 100% (1240/1240), done.
```

Step 3: To deploy the project following steps were attempt:

- First of all I created New branch using command [git branch task] and do changes in yaml file.
- Figure-out components of project and found that project contains many micro-services with different APIs at frontend and backend.
- I found that in compose file there is tasking-manager.env is used but not present in project. So I copied example.env into tasking-manager.env and edit accordingly to run compose file.
- I created account in Openstreetmap and copy the client ID and secret from OpenStreetMap into configuration file `tasking-manager.env`, and set the variables: `TM_CLIENT_ID` `TM_CLIENT_SECRET`, `TM_REDIRECT_URI` and `TM_SCOPE`.

Name	Permissions		
itsme_12	Read user preferences (read_prefs)	Edit	Delete
http://127.0.0.1	Modify user preferences (write_prefs)		
Register new application			

- After editing required information in configuration file then the following command executed
\$docker-compose up -d

- But while executing there is error

```
349.3 0d02eecd-d6bc-518c-bf37-545417d19981 - ./build/static/rapid/iD.min.js.map
349.3 c73584ac-54ad-5e92-9339-81d5650a003f - ./build/static/rapid/mapillary-js/mapillary.js.map
349.3 22f816d3-367e-54da-8d49-4a1a2392237b - ./build/static/rapid/mapillary-js/mapillary.module.js.map
349.3 c60b5865-8bed-5de5-a373-2414540b7834 - ./build/static/rapid/mapillary-js/mapillary.unminified.js.map
349.3
349.9 error: API request failed
349.9   caused by: sentry reported an error: Authentication credentials were not provided. (http status: 401)
349.9
349.9 Add --log-level=[info|debug] or export SENTRY_LOG_LEVEL=[info|debug] to see more output.
349.9 Please attach the full debug log to all bug reports.
-----
failed to solve: process "/bin/sh -c npm run build" did not complete successfully: exit code: 1
```

- Also while executing npm install in frontend file.

```
352 packages are looking for funding
  run `npm fund` for details

112 vulnerabilities (1 low, 83 moderate, 17 high, 11 critical)

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
```

- After that I visited URL <https://tasks.hotosm.org> where the actual project was deployed, create user and check features. I try to run it locally as well but can't able to do.
- There is permission denied so I unable to do any further tasks. I think I am not that experienced as well. I took too much time and effort but I can't solve this problem. I am sorry to not able to show my knowledge through this task because it is too bulky and hard to understand deeply. I perform many changes but the different type of problems arises continuously.

Finally to complete last task I perform following commands

- git remote add upstream <URL_OF_REPO>
- git push --set-upstream origin task

Then from GitHub I pull and merge the changes from `task` branch.