## horizontal line



Mini Hacker News

# Overview

Hacker news website was taken down by a DDOS attack!

Developers around the world are frustrated and we have a limited time to create a mini Hackernews like system.

# Specifications

Our mini Hackernews will have simple text as news posts.

We want to create a RESTful API to handle the post resource (create, update, read, etc).

This system will also support upvoting and downvoting a post.

Please note the following:

* The posts and votes should be saved in a storage engine of your choice.
* The system may be implemented in any programming language.
* The task should be committed to GitHub. Use git tags in order to mark each step when it is completed.
* The REST API service and the storage engine should be dockerized and be formatted into a docker-compose YAML file.
* Bonus points are given for unit and/or integration tests for the system.

## Web service (RESTFul API)

The service accepts json requests and responds with a json response

### This service will allow the following actions (each bullet should be committed as a step to GitHub):

1. A user can create a new post providing its text.
2. A user can update an existing post’s text.
3. A user can upvote or downvote a post.
4. A user can receive the front page comprised of a list of “Top Posts”.  
   Top posts should be determined by a combination of upvotes and creation time of a post.