Installation:

For installing Wiki.js, the following guide was used, provided in this link:
https://docs-legacy.requarks.io/wiki/install

Wiki.js is installed in directory: */var/www/wiki*

Configuration:

After installation , configuration is required first before running the wiki.js server. Configuration is required in 2 places:
1- Apache - httpd config
2- Wiki's config file

Httpd Config:

Location : ***etc/httpd/conf/httpd.conf***
A reverse proxy rule needs to be added into the Apache's configuration to direct the traffic for wiki to the wiki.js server on a specific port. In OBA application, wiki.js is determined to run on port 3001.
Note : For any changes made to this file, requires httpd service to be restarted using `sudo systemctl restart httpd.service`

Wiki Config

Location: ***/var/www/wiki/config.yml***
Host address i.e. that url of the wiki application and port number needs to be specified here. After saving, run `sudo node wiki configuration 3001` , to start wiki server configuration.

If the above 2 configurations are done correctly, accessing wiki.ursse.org will display wiki.js' configuration wizard which will walk you through the set up.

Other configurations used in the process of installing and testing changes are, `sudo systemctl stop httpd.service` to stop the web server, `sudo systemctl stop httpd.service` to start the web server, and `sudo systemctl restart httpd.service` to restart the web server.

Wiki.js Configuration:

The wiki.ursse.org proxy server is our main connection point which distributes traffic to virtual hosts . This virtual host in Apache httpd is used to connect to Wiki.js by configuring the virtual host as following:

```
<VirtualHost *:80>
        DocumentRoot "/var/www/wiki"
        ServerName "wiki.ursse.org"
        ServerAlias "www.wiki.ursse.org"

        ProxyPass / http://localhost:3001/
        ProxyPassReverse / http://localhost:3001/

</VirtualHost>
```

Operating WIKI.JS:

Configure Wiki:

```
 Sudo node wiki configure 3001
```
Navigate to wiki.ursse.org
Wiki.js setup wizard will appear and walk you through the initial setup. Configuration can be changed after initial set up by editing config.yml file in the wiki directory.

Start Wiki Server

```
Sudo node wiki start
```

Stop Wiki Server

If any new configuration are to be made to wiki.js after initial set up, you must stop the server first.
```
Sudo node wiki stop
```

For further information on Wiki.js Version 1 , visit https://docs-legacy.requarks.io/wiki

References:

Apache configuration:

https://httpd.apache.org/docs/2.4/vhosts/examples.html

Wiki Installation

https://docs-legacy.requarks.io/wiki