

Project Proposal

System Administrator
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Objective

Hosting multiple wordpress applications using docker on lamp servers and creating a website with google authentication using php.

Softwares to be installed

1. docker-engine, <https://docs.docker.com/engine/installation/linux/ubuntu/linux/>
2. docker containers for apache2, mysql, php
3. Google OAuth API for php, <https://developers.google.com/api-client-library/php/auth/web-app>

Test Cases :

1. <site-url> | redirect to site
2. <login using google credentials> | redirect to website as authenticated user

Milestones

1. To install To install docker-engine and pull containers for running lamp stack | 6-Oct-2016
2. To deploy existing websites hosted on lamp stack on docker | 13-Oct-2016
3. To create a simple website using php with google authentication | 28-Oct-2016
4. Adding functionalities to the website - making it a simple student utility tool for IIITD students | 11-Nov-2016
5. Getting a domain name for the website and deploying it using docker | 18-Nov-2016